LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.046	5	10	24	rVB	2902049	4288879	3.77%	0.479%
2	5.375	399	406	414	rBV	1489992	2201669	1.94%	0.246%
3	5.504	421	428	440	rBV	3580282	7271634	6.40%	0.811%
4	5.875	480	491	506	rVB	2881768	4910658	4.32%	0.548%
5	6.951	665	674	679	rBV	4793116	7261618	6.39%	0.810%
6	7.010	679	684	691	rVV	3193559	4811559	4.23%	0.537%
7	7.087	691	697	706	rVB	6161981	9368094	8.24%	1.045%
8	7.186	706	714	720	rBV	1122835	1907660	1.68%	0.213%
9	7.251	720	725	732	rBV	1336489	2064195	1.82%	0.230%
10	7.386	742	748	755	rVB	1339165	2114994	1.86%	0.236%
11	7.516	762	770	776	rVV	12543391	20326692	17.88%	2.268%
12	7.581	776	781	795	rVB	4118756	6399008	5.63%	0.714%
13	7.857	822	828	832	rBV	1137528	1784671	1.57%	0.199%
14	7.981	841	849	856	rBV	5056714	8538249	7.51%	0.953%
15	8.245	880	894	901	rBV	27250609	66453135	58.47%	7.416%
16	8.410	908	922	930	rBV	24172751	49294477	43.37%	5.501%
17	8.498	930	937	942	rVV	2380222	3812678	3.35%	0.425%
18	8.551	942	946	953	rVV2	1166577	2142249	1.88%	0.239%
19	8.816	984	991	995	rBV	709191	1110020	0.98%	0.124%
20	8.869	995	1000	1006	rVV	750366	1153524	1.01%	0.129%
21	8.969	1011	1017	1021	rVV	3649093	5897735	5.19%	0.658%
22	9.010	1021	1024	1026	rVV	1446603	2162376	1.90%	0.241%
23	9.045	1026	1030	1037	rVB	5098940	8187422	7.20%	0.914%
24	9.216	1051	1059	1067	rBV	7496974	11967777	10.53%	1.336%
25	9.345	1067	1081	1086	rBV	13182845	29268461	25.75%	3.266%
26	9.398	1086	1090	1097	rVV	4270968	6518350	5.73%	0.727%
27	9.486	1100	1105	1110	rVV	1942854	3049658	2.68%	0.340%
28	9.545	1110	1115	1122	rVB	2283719	3637889	3.20%	0.406%
29	9.733	1138	1147	1154	rVV	1107213	2026133	1.78%	0.226%
30	9.910	1171	1177	1191	rVB	5851221	9789817	8.61%	1.093%
31	10.057	1191	1202	1212	rBV3	9450749	19536479	17.19%	2.180%
32	10.157	1212	1219	1231	rVV	1842888	4704800	4.14%	0.525%
33	10.286	1231	1241	1249	rVB2	4469383	9820522	8.64%	1.096%
34	10.722	1299	1315	1323	rVV2	26218488	113659714	100.00%	12.684%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

35	10.775	1323	1324	1327	rVV	23130416	11643997	10.24%	1.299%
36	10.845	1327	1336	1343	rVV	21956475	42203764	37.13%	4.710%
37	11.004	1358	1363	1369	rVV2	732779	1391467	1.22%	0.155%
38	11.069	1369	1374	1380	rVV2	575574	1079677	0.95%	0.120%
39	11.757	1484	1491	1501	rBV2	1288630	2527164	2.22%	0.282%
40	12.039	1532	1539	1548	rVB	4928387	8326837	7.33%	0.929%
41	12.210	1561	1568	1577	rVB	2899878	4916561	4.33%	0.549%
42	12.333	1577	1589	1595	rBV	28093609	70486077	62.02%	7.866%
43	12.433	1600	1606	1612	rBV	1857918	3228481	2.84%	0.360%
44	12.551	1613	1626	1633	rVB	25403235	52078037	45.82%	5.812%
45	12.939	1687	1692	1698	rVB	978896	1449362	1.28%	0.162%
46	13.227	1733	1741	1745	rVV	1847729	4238784	3.73%	0.473%
47	13.321	1749	1757	1769	rVV	8409212	13190173	11.60%	1.472%
48	13.445	1773	1778	1784	rVV2	713330	1196549	1.05%	0.134%
49	13.521	1784	1791	1801	rVB	1205463	2344024	2.06%	0.262%
50	13.615	1801	1807	1810	rBV	1410003	2188109	1.93%	0.244%
51	13.651	1810	1813	1823	rVB	1847683	3904301	3.44%	0.436%
52	13.810	1832	1840	1845	rBV	2181263	3767726	3.31%	0.420%
53	13.863	1845	1849	1851	rVV	1208531	1641014	1.44%	0.183%
54	13.898	1851	1855	1859	rVB	3528943	4877956	4.29%	0.544%
55	14.045	1876	1880	1883	rBV	680496	964800	0.85%	0.108%
56	14.180	1896	1903	1913	rBV2	4345406	9110821	8.02%	1.017%
57	14.486	1946	1955	1960	rBV2	2658531	4892248	4.30%	0.546%
58	14.557	1960	1967	1972	rVV	17174411	26289653	23.13%	2.934%
59	14.610	1972	1976	1980	rVV	1622012	2161188	1.90%	0.241%
60	14.662	1980	1985	1994	rVB3	1191563	3123997	2.75%	0.349%
61	14.886	2016	2023	2030	rVB	13015991	19356577	17.03%	2.160%
62	14.986	2030	2040	2049	rBV	1326706	2816638	2.48%	0.314%
63	15.192	2066	2075	2078	rBV2	494134	1079714	0.95%	0.120%
64	15.409	2106	2112	2118	rBV	1343140	2479354	2.18%	0.277%
65	15.474	2118	2123	2128	rVV	5030748	7666930	6.75%	0.856%
66	15.533	2128	2133	2138	rVV	10673474	15312835	13.47%	1.709%
67	15.586	2138	2142	2146	rVB	1423110	1839909	1.62%	0.205%
68	15.974	2203	2208	2215	rVB3	1077611	2153333	1.89%	0.240%
69	16.204	2240	2247	2249	rBV	4469274	7586352	6.67%	0.847%
70	16.345	2262	2271	2276	rBV	2843330	5551153	4.88%	0.619%
71	16.427	2277	2285	2288	rVB2	1343887	2725477	2.40%	0.304%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

72	16.474	2288	2293	2296	rBV3	689241	1175835	1.03%	0.131%
73	16.604	2307	2315	2324	rBV	1559569	2514526	2.21%	0.281%
74	16.774	2335	2344	2351	rBV	998152	1986001	1.75%	0.222%
75	16.845	2351	2356	2358	rBV	876772	1178101	1.04%	0.131%
76	16.874	2358	2361	2363	rVV	809203	1141986	1.00%	0.127%
77	16.909	2363	2367	2372	rVB	1595900	2419030	2.13%	0.270%
78	17.039	2386	2389	2394	rVV	859054	1177568	1.04%	0.131%
79	17.127	2398	2404	2410	rBV	1508535	2455154	2.16%	0.274%
80	17.221	2415	2420	2423	rBV2	3120084	4599440	4.05%	0.513%
81	17.268	2423	2428	2432	rVB	11777608	16114072	14.18%	1.798%
82	17.321	2432	2437	2442	rBV2	7011471	10492381	9.23%	1.171%
83	17.580	2475	2481	2483	rBV	723857	1183341	1.04%	0.132%
84	17.621	2483	2488	2492	rVV	3848593	5870734	5.17%	0.655%
85	17.880	2528	2532	2536	rVB	715161	933499	0.82%	0.104%
86	18.133	2571	2575	2585	rVB4	1787189	2870719	2.53%	0.320%
87	18.292	2596	2602	2606	rBV	1166404	1688541	1.49%	0.188%
88	18.562	2645	2648	2652	rVV	635067	995757	0.88%	0.111%
89	18.627	2656	2659	2677	rVB2	582347	1117978	0.98%	0.125%
90	19.009	2717	2724	2730	rVB2	479877	955733	0.84%	0.107%
91	19.274	2764	2769	2775	rVV	4129888	5908980	5.20%	0.659%
92	19.609	2820	2826	2829	rBV	7877779	10918025	9.61%	1.218%
93	19.639	2829	2831	2835	rVB	2429336	2567542	2.26%	0.287%
94	21.115	3078	3082	3088	rBV3	739005	1134981	1.00%	0.127%
95	21.391	3123	3129	3134	rBV	4195082	6416910	5.65%	0.716%
96	22.480	3310	3314	3325	rVB	631552	959091	0.84%	0.107%
97	23.009	3397	3404	3413	rBV2	802901	1584302	1.39%	0.177%
98	23.538	3487	3494	3500	rBV	5151690	9700718	8.53%	1.083%
99	23.597	3500	3504	3510	rVB2	710839	1251349	1.10%	0.140%
100	23.685	3512	3519	3536	rVB	2735618	5537334	4.87%	0.618%

Sum of corrected areas: 896083463

LSC Report - Integrated Chromatogram

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Data File : BM022602.D
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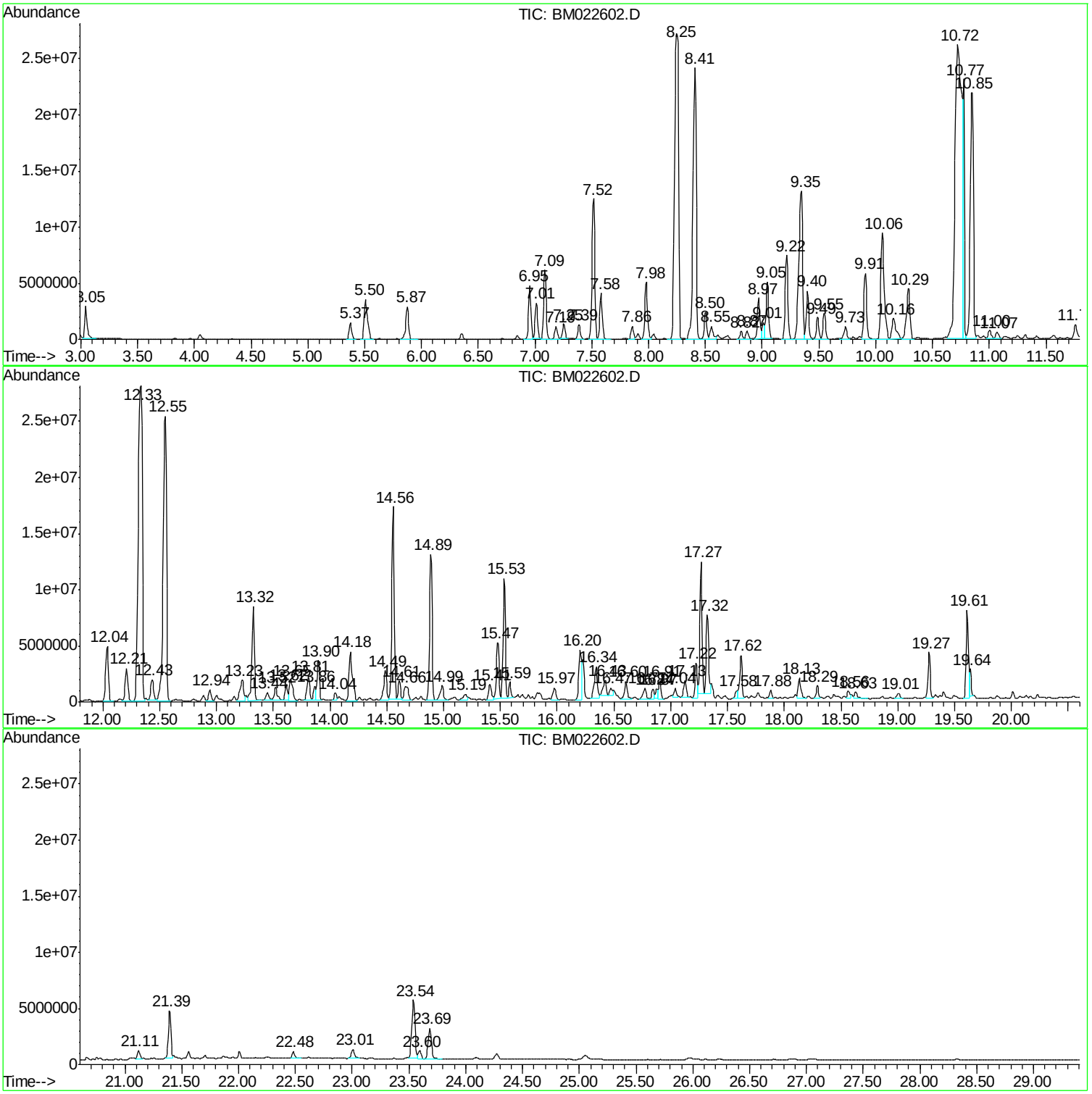
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
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Misc :
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Instrument : BNA_M
ClientSampleId : BF575

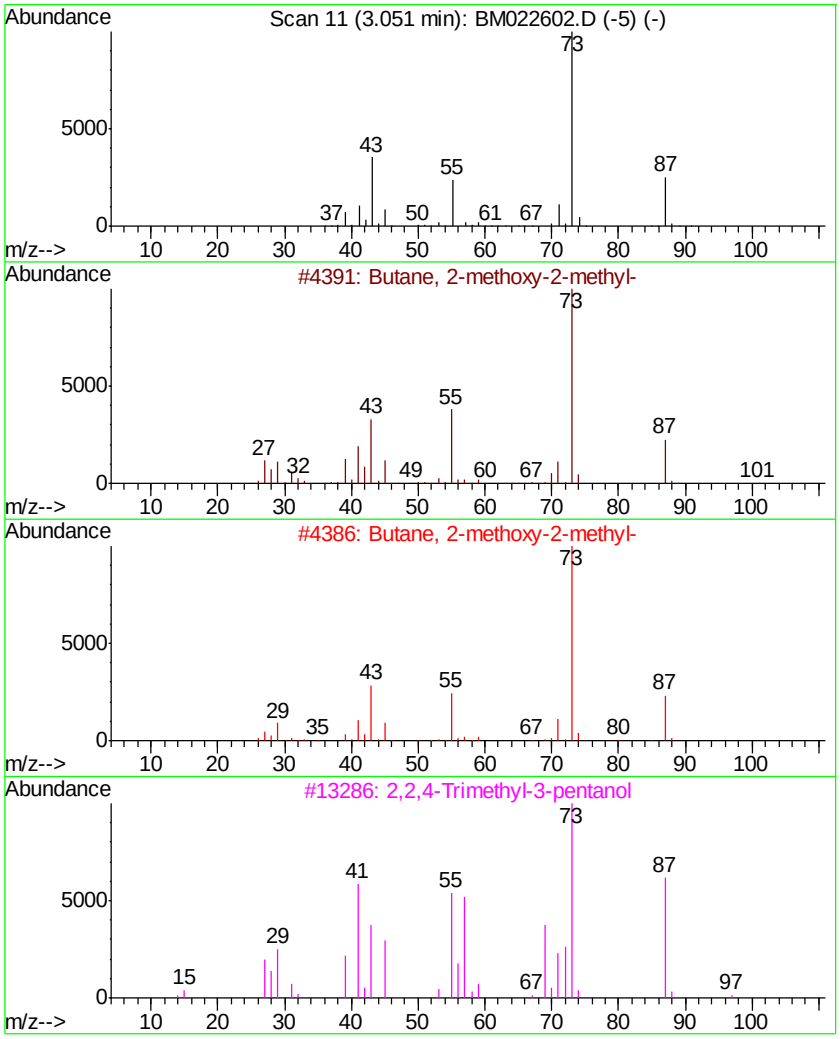
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

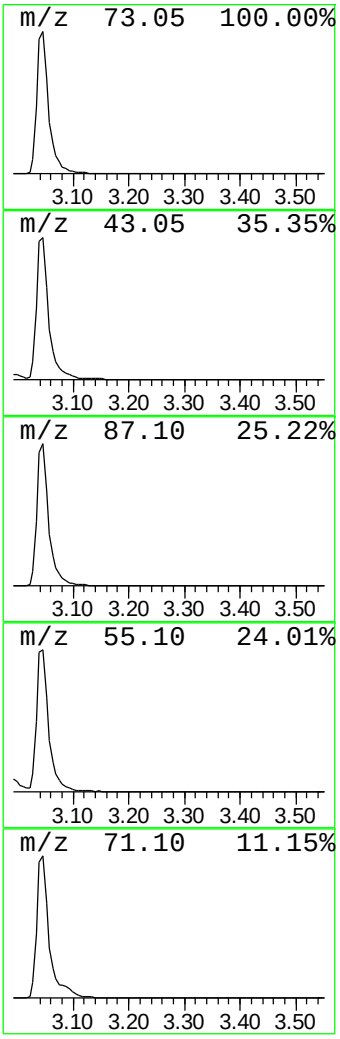
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	48.06 ng/ul	4288880	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BF575

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

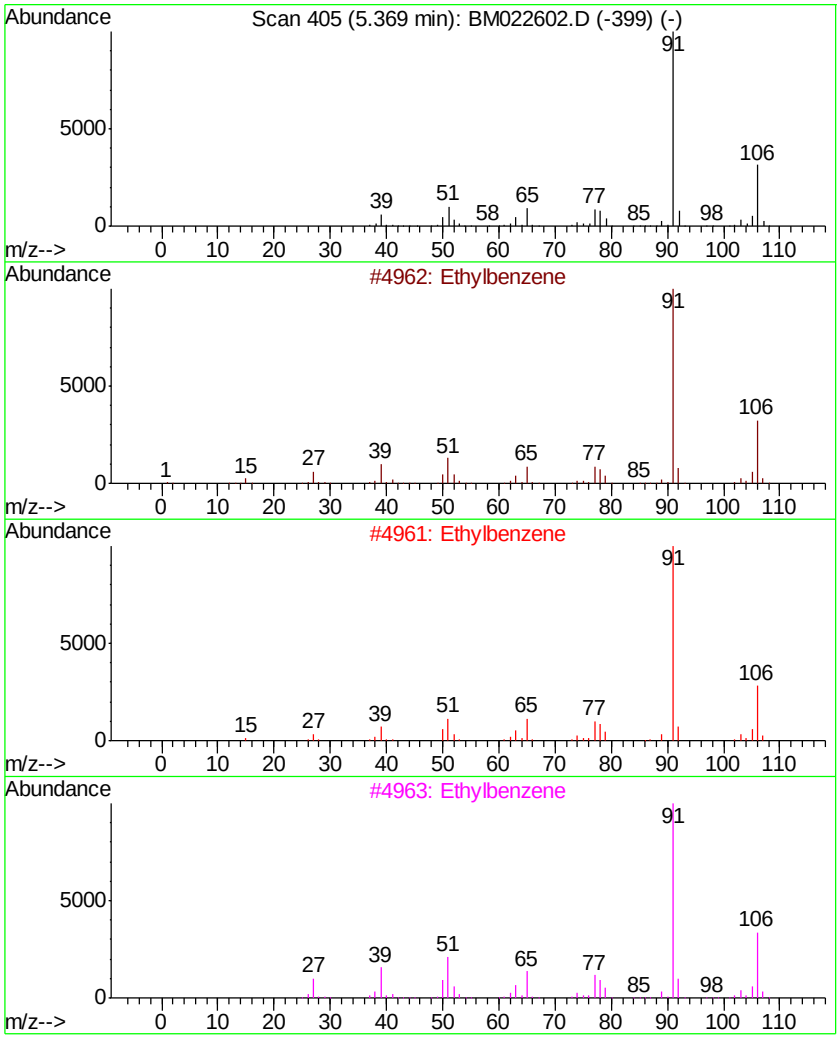
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

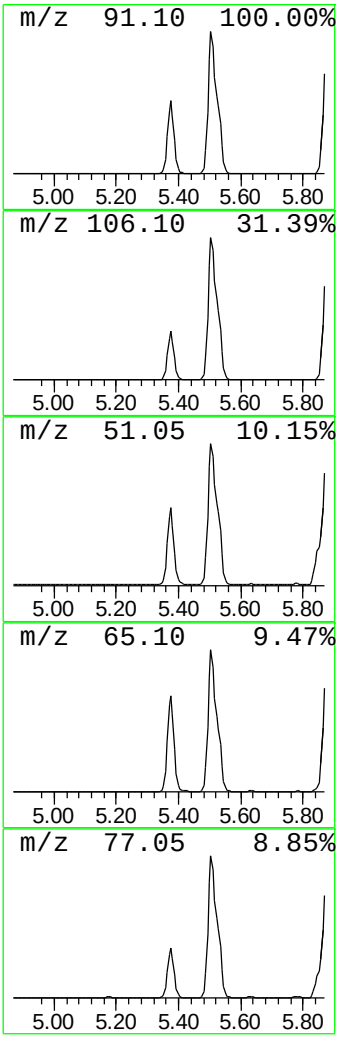
****

Peak Number 2 Ethylbenzene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	24.67 ng/ul	2201670	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	p-Xylene	106	C8H10	000106-42-3	72





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : BF575

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

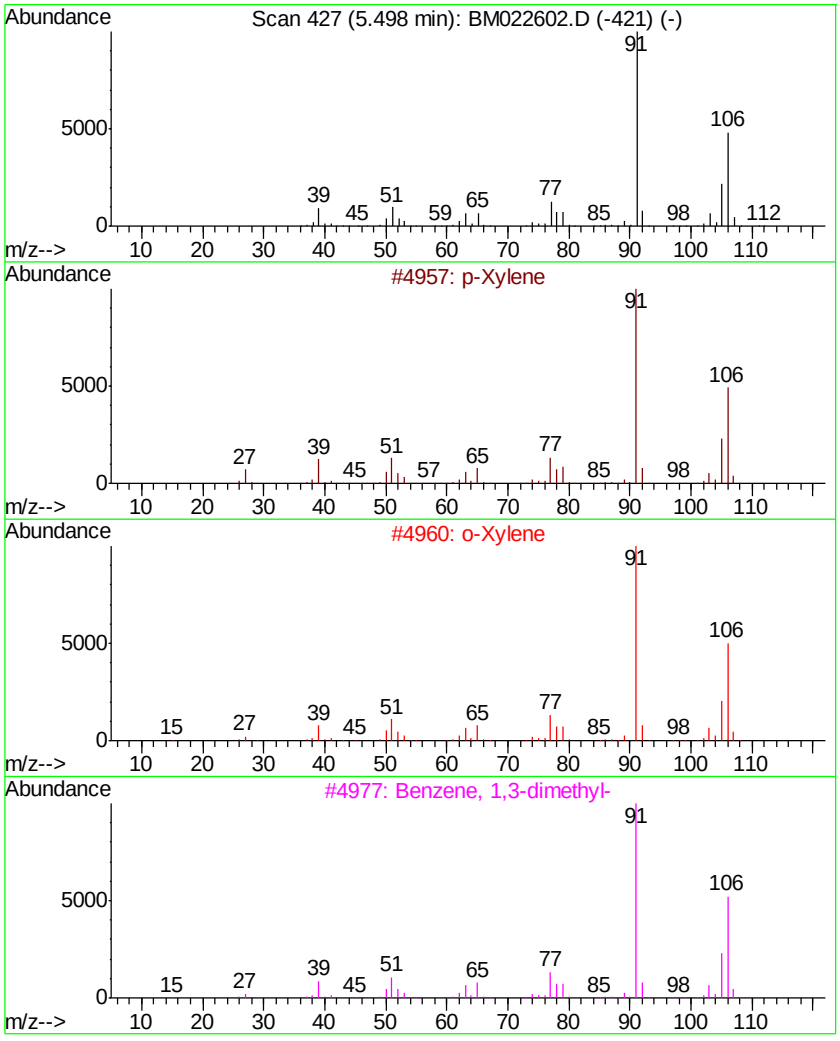
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

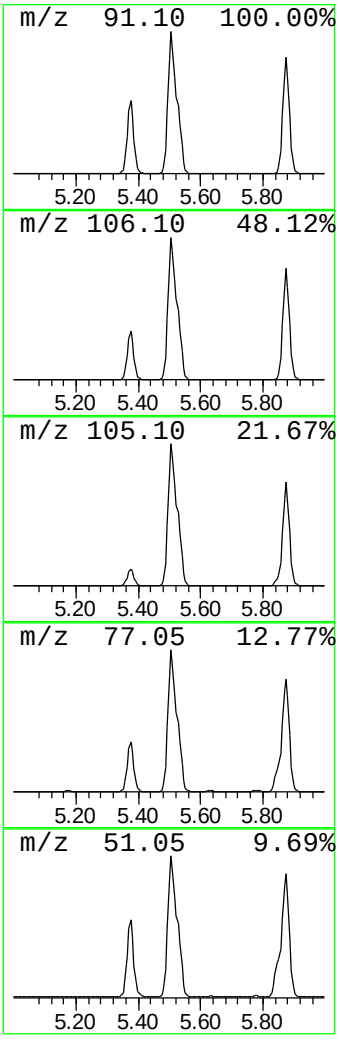
****

Peak Number 3 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.50	81.49 ng/ul	7271630	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Library Search Compound Report

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Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

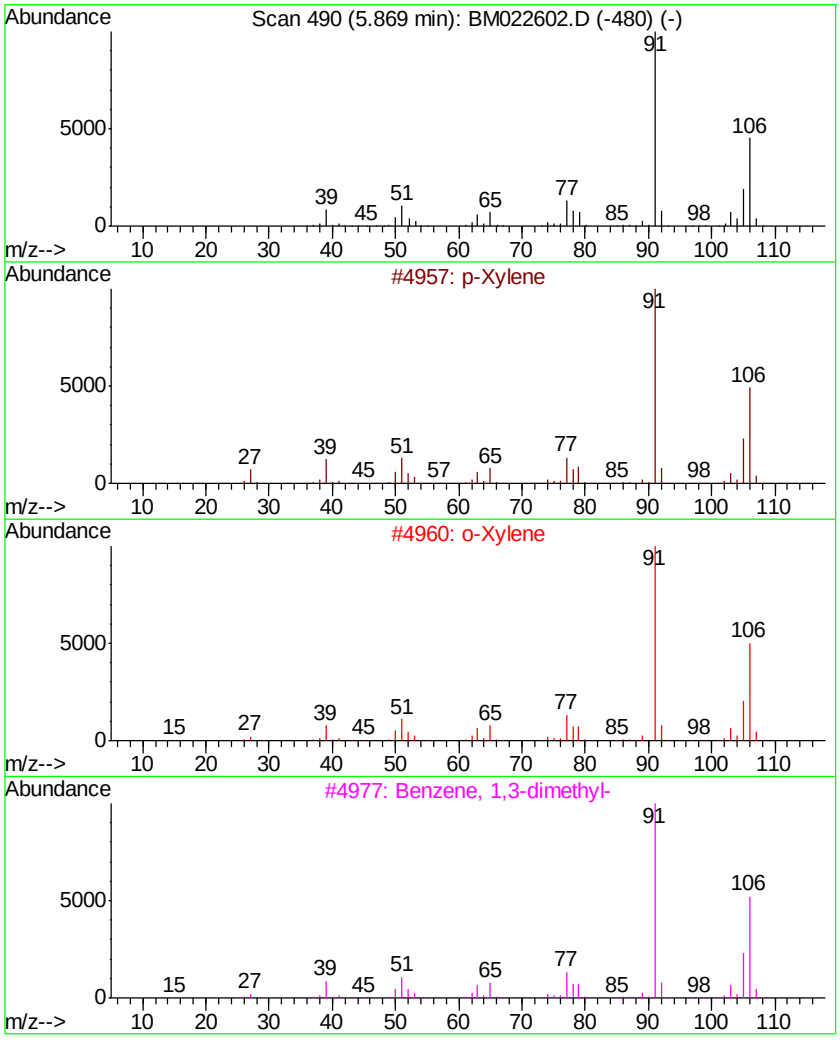
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

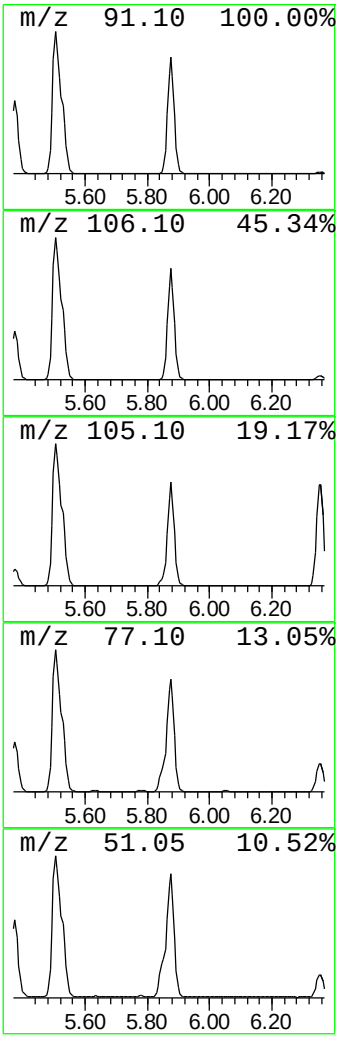
****

Peak Number 4 o-Xylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	55.03 ng/ul	4910660	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	95





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Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

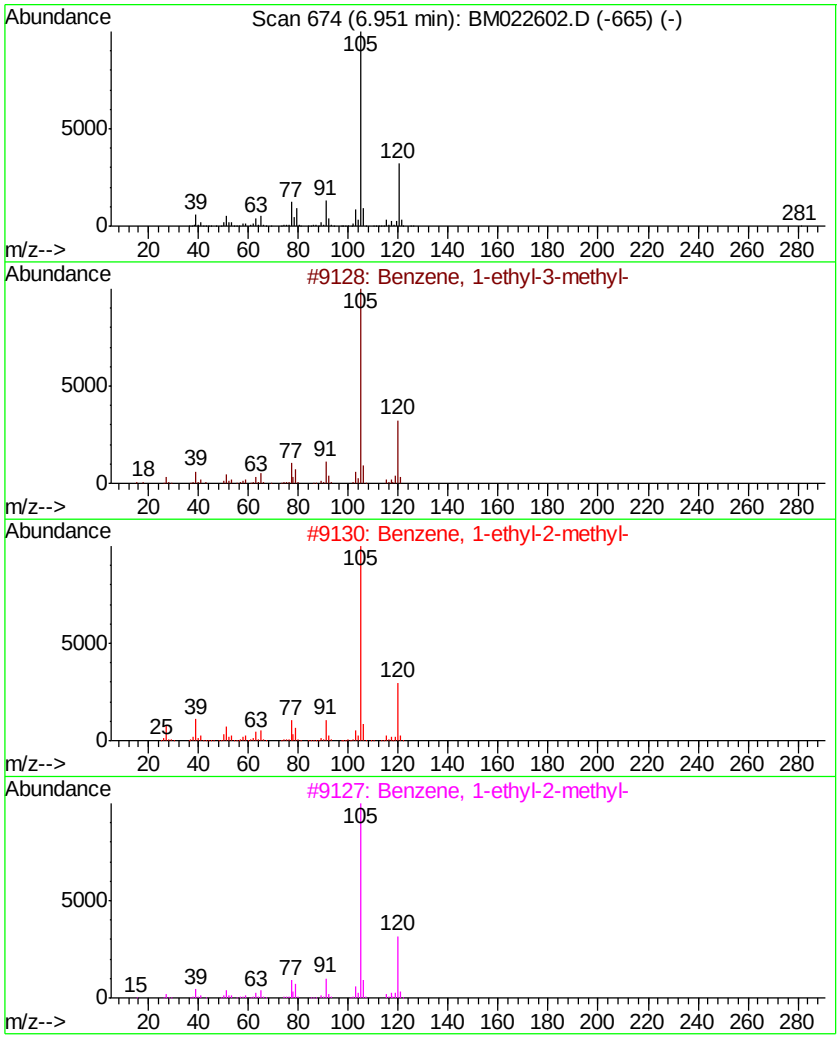
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

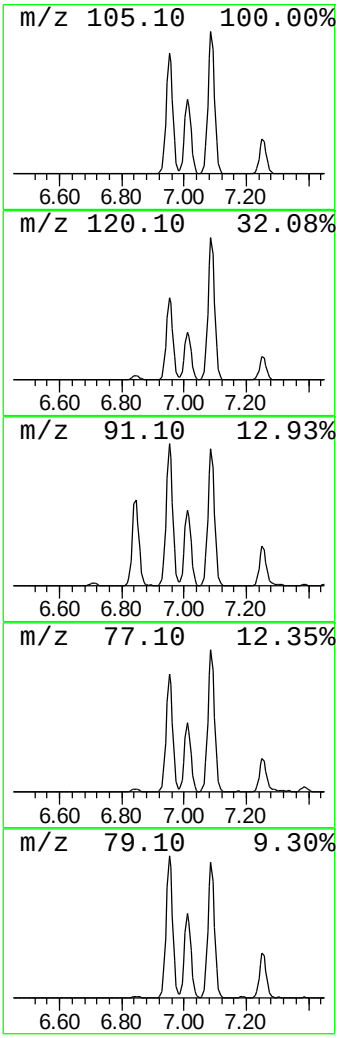
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.95	81.38 ng/ul	7261620	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : K4706-09
Misc :
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Instrument : BNA_M
ClientSampleId : BF575

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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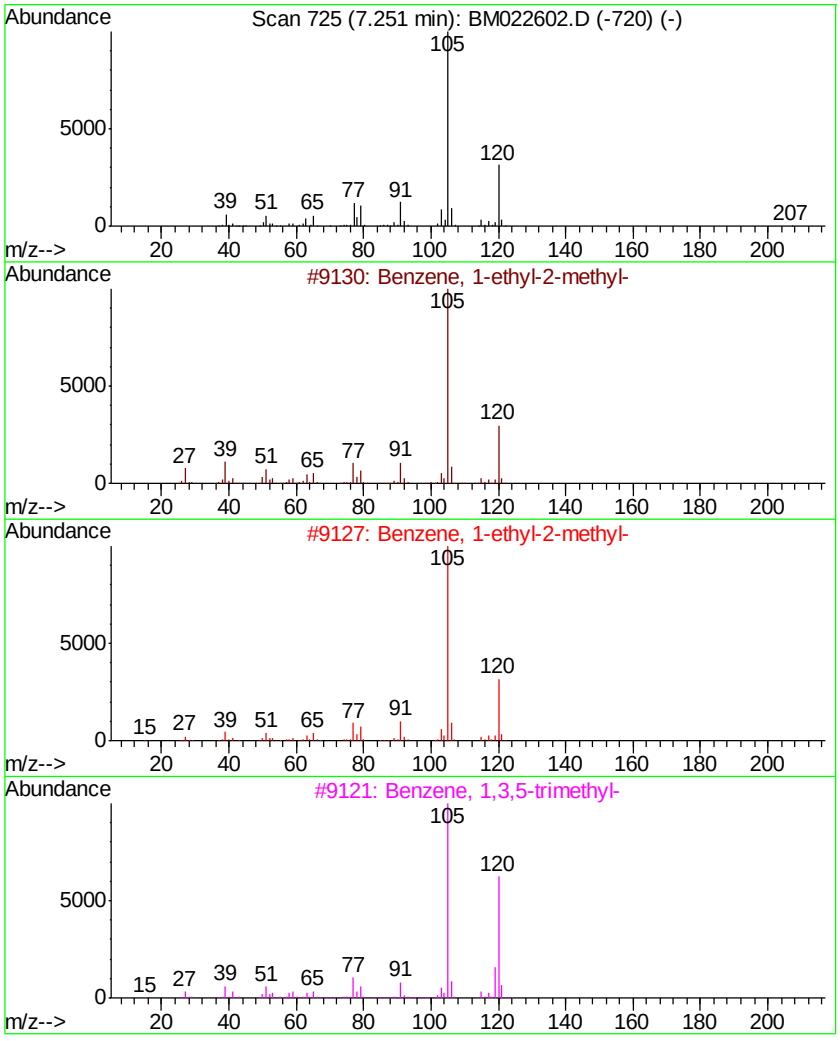
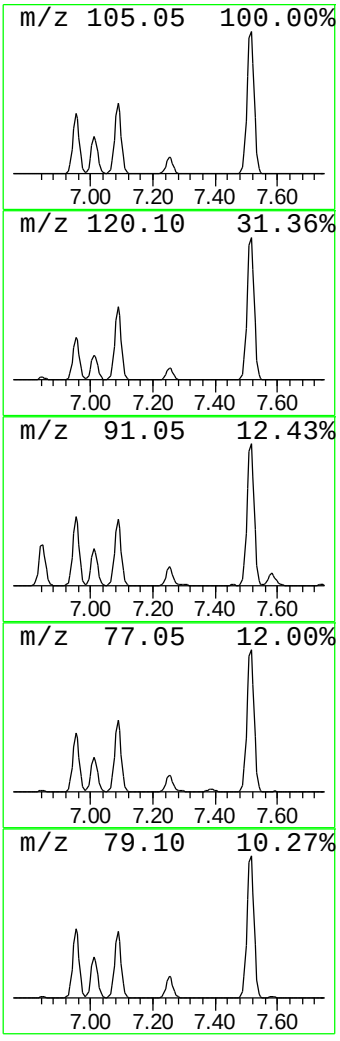
Peak Number 6 Benzene, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	23.13 ng/ul	2064200	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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ClientSampleId : BF575

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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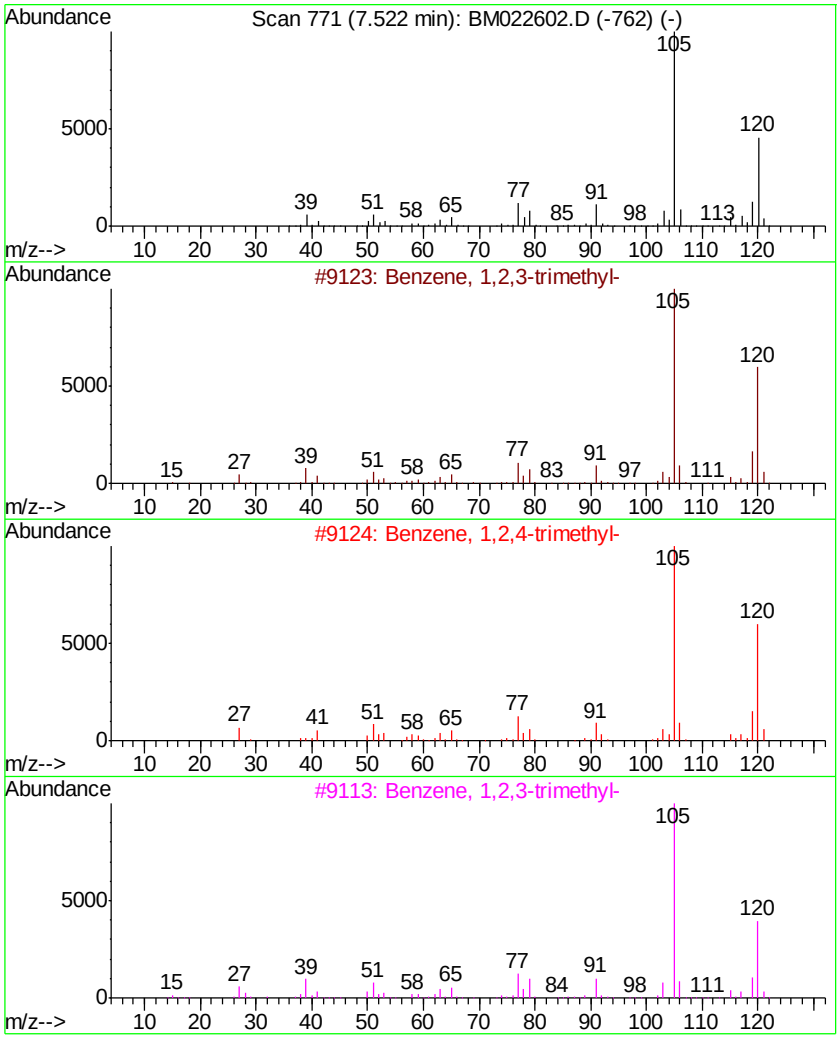
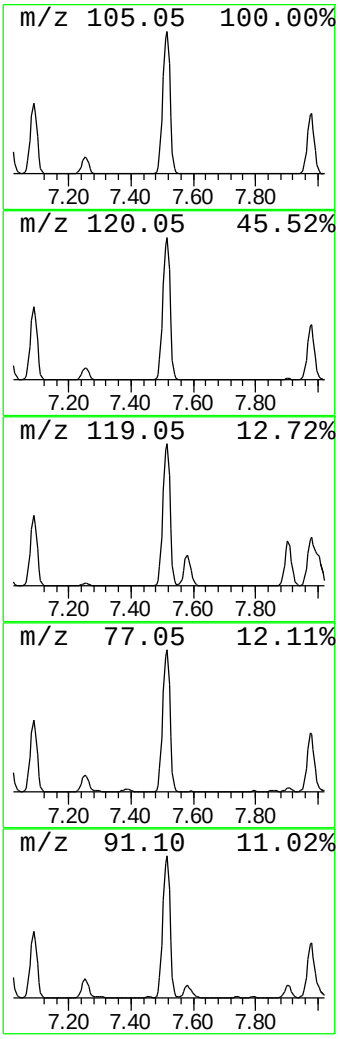
Peak Number 7 Benzene, 1,2,3-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.52	227.79 ng/ul	20326700	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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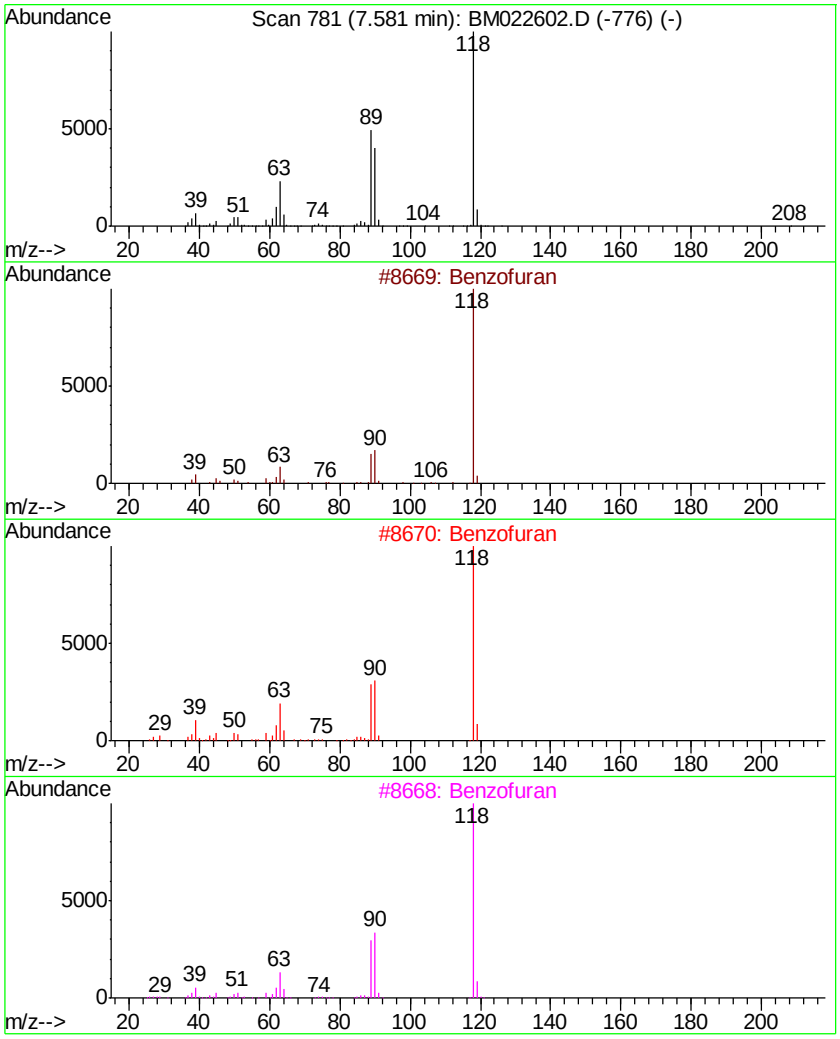
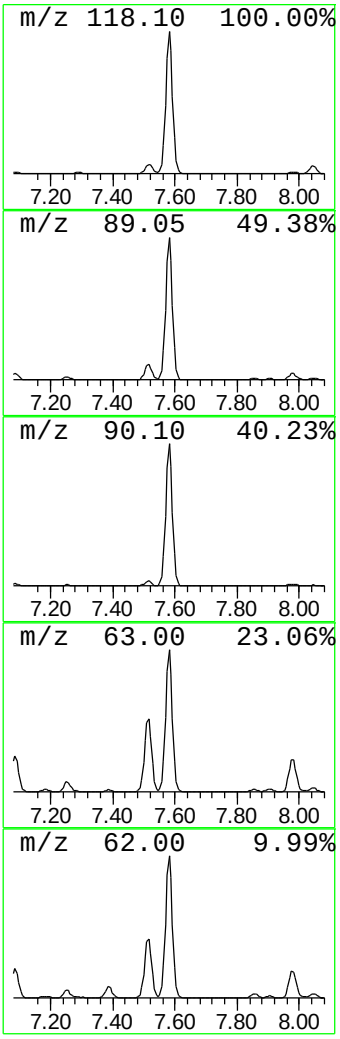
Peak Number 8 Benzofuran Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	71.71 ng/ul	6399010	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	91
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	80
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	40





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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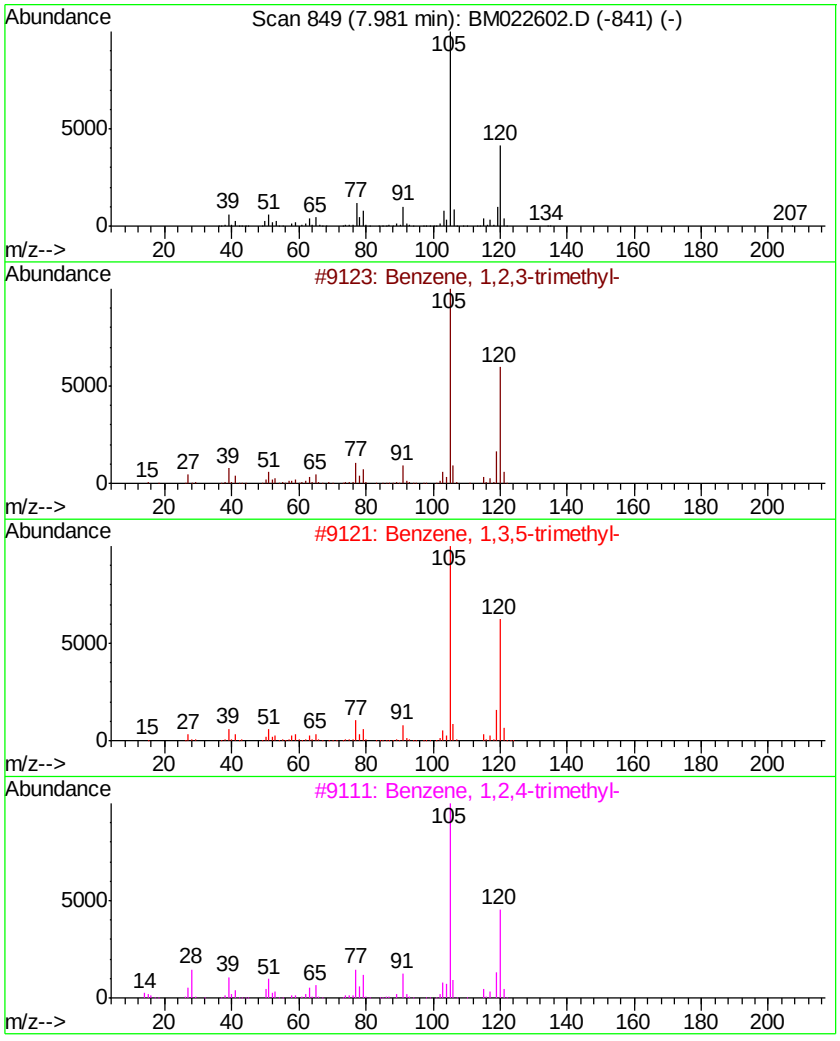
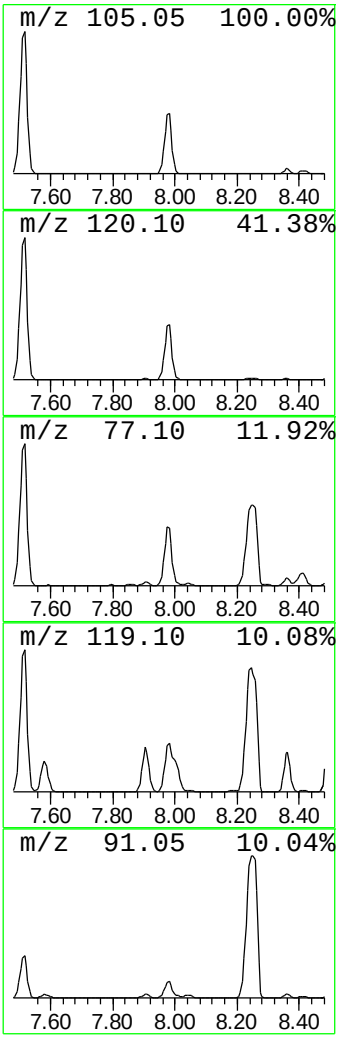
Peak Number 9 Benzene, 1,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	95.68 ng/ul	8538250	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91





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Quant Title : SVOA CALIBRATION

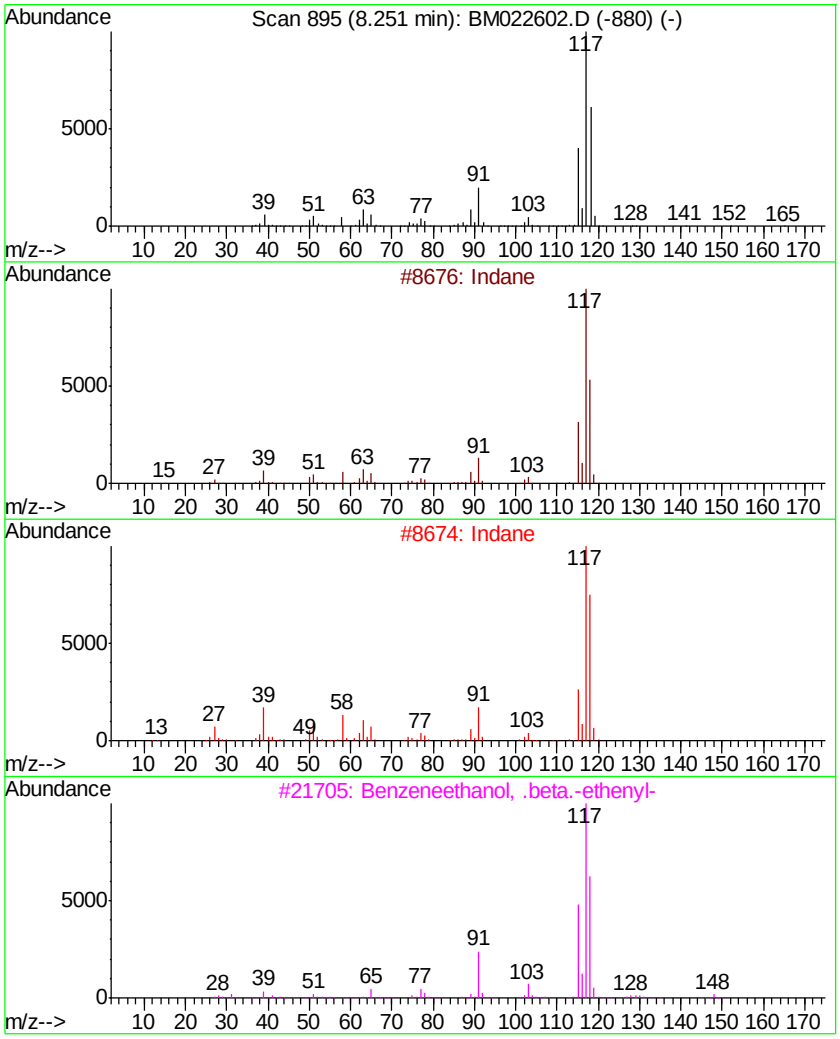
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

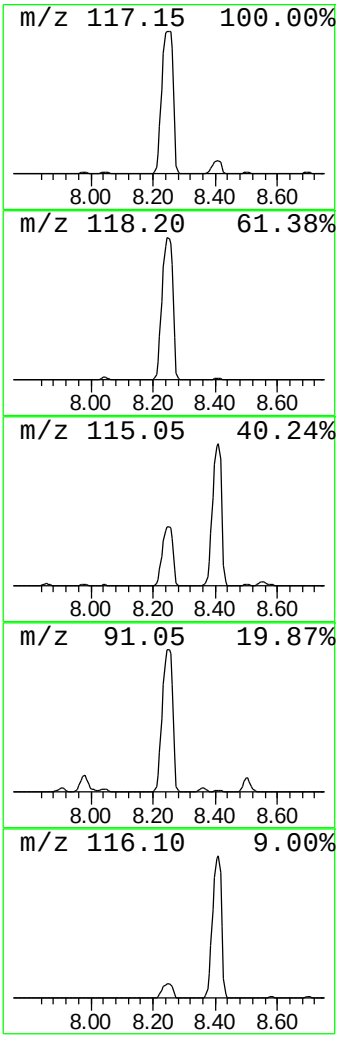
****

Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	744.71 ng/ul	66453100	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	89
3	Benzeneethanol, .beta.-ethenyl-	148	C10H12O	006052-63-7	83
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	68





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ClientSampleId : BF575

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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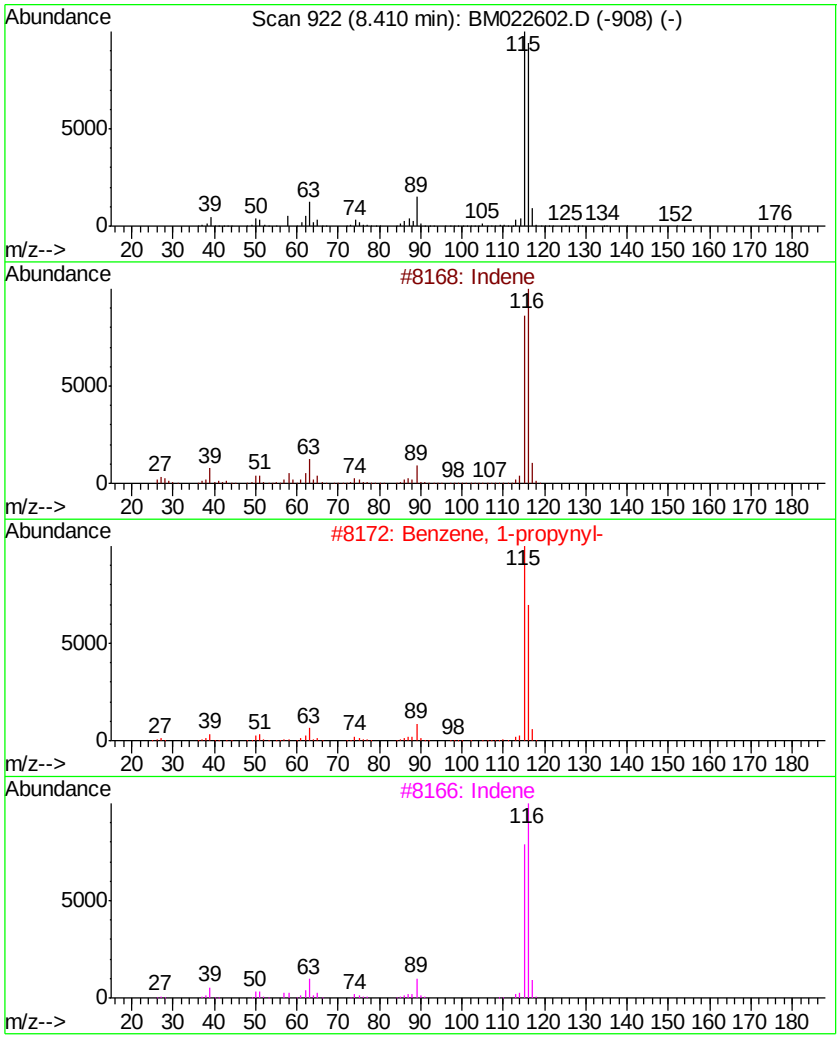
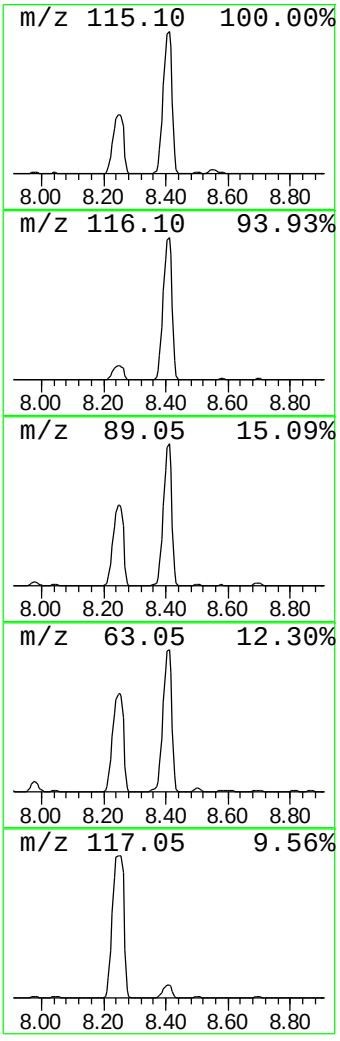
Peak Number 11 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.41	552.42 ng/ul	49294500	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
3	Indene	116	C9H8	000095-13-6	95
4	Indene	116	C9H8	000095-13-6	94
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Instrument : BNA_M
ClientSampleId : BF575

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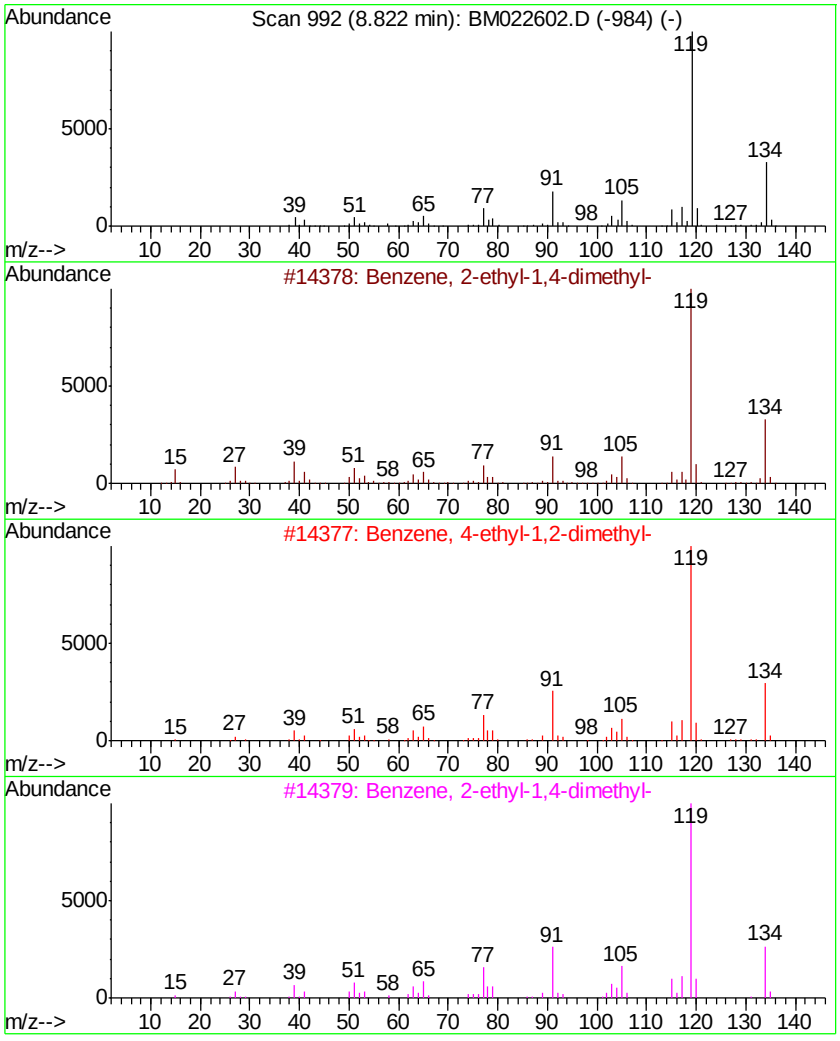
Quant Title : SVOA CALIBRATION

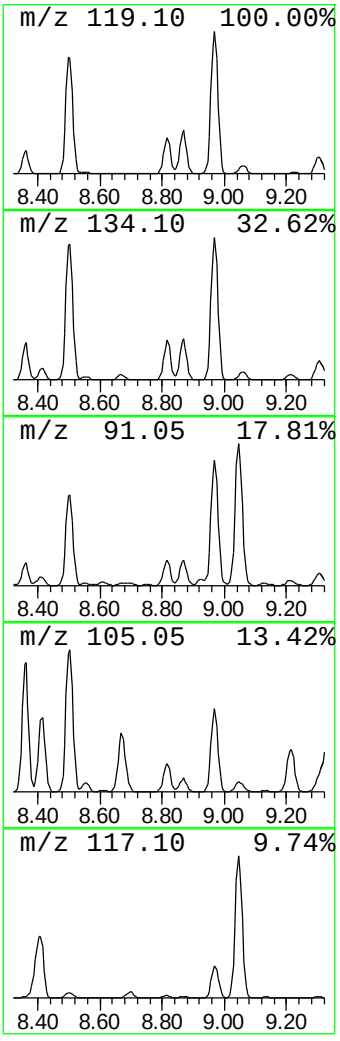
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	12.44 ng/ul	1110020	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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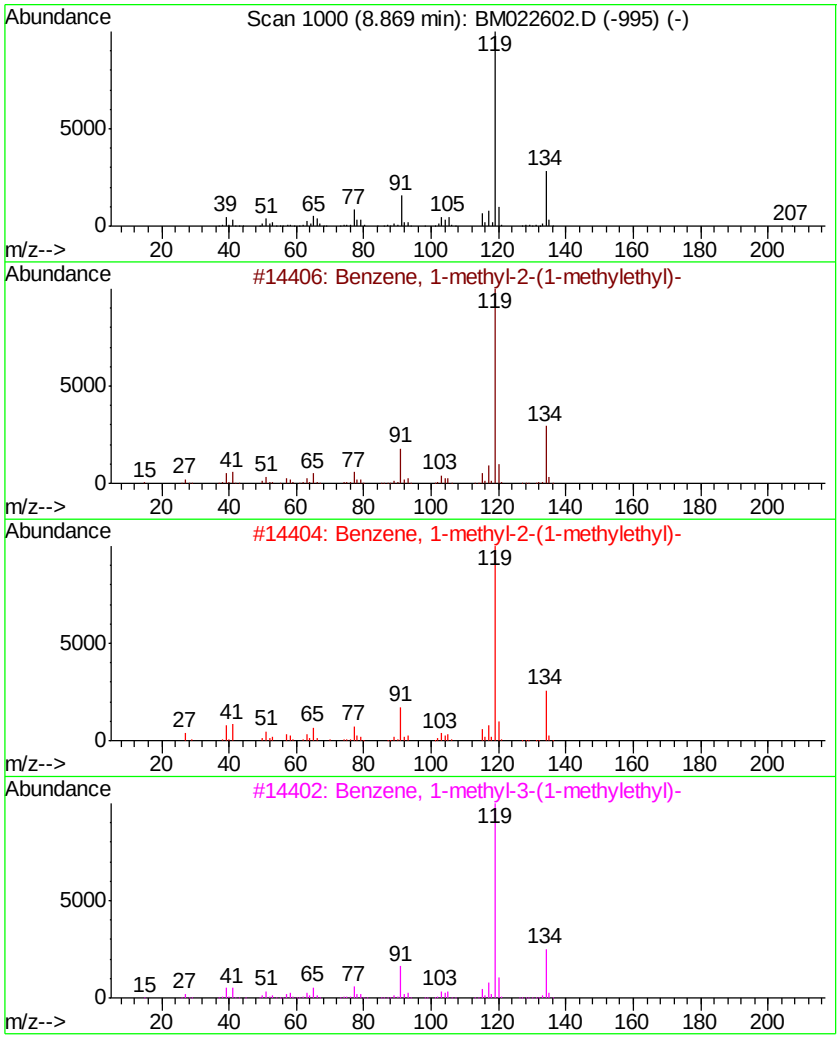
Quant Title : SVOA CALIBRATION

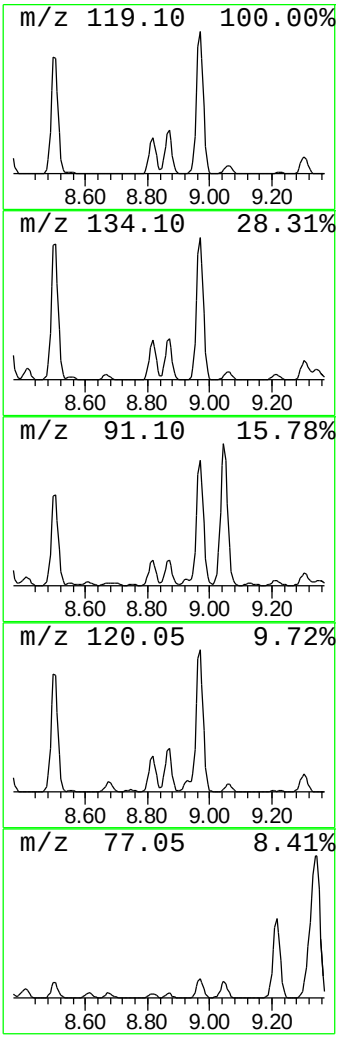
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-2-(1-meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	12.93 ng/ul	1153520	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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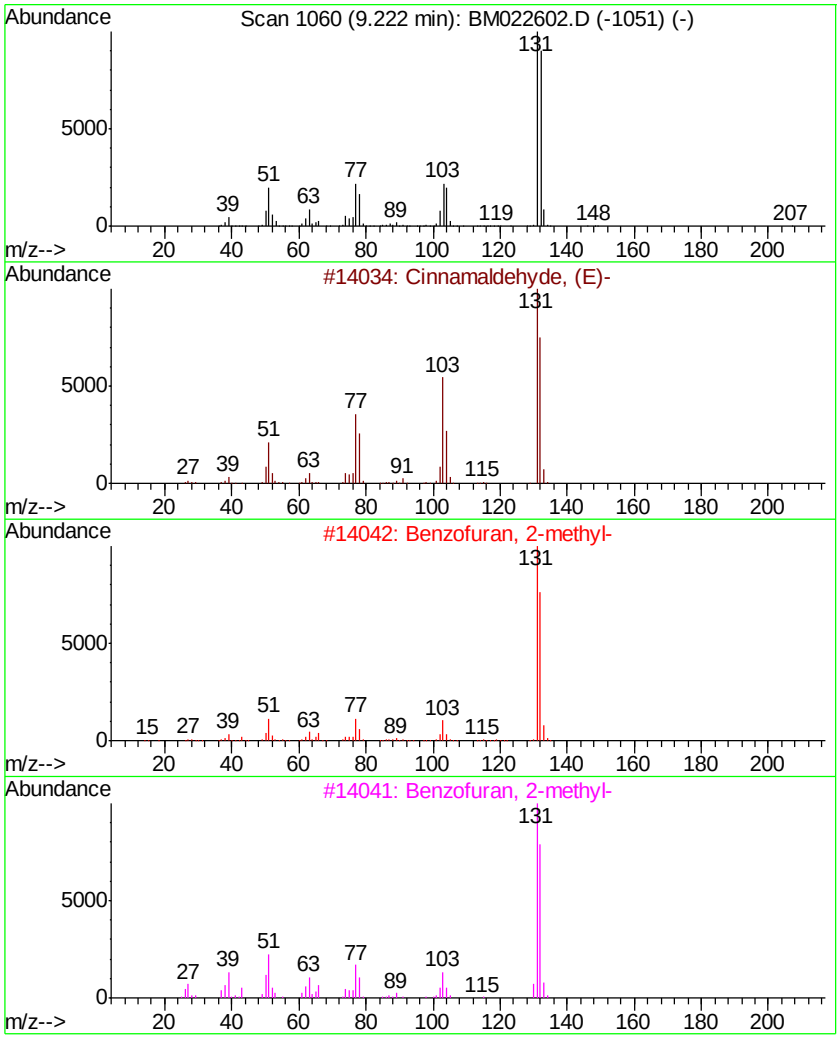
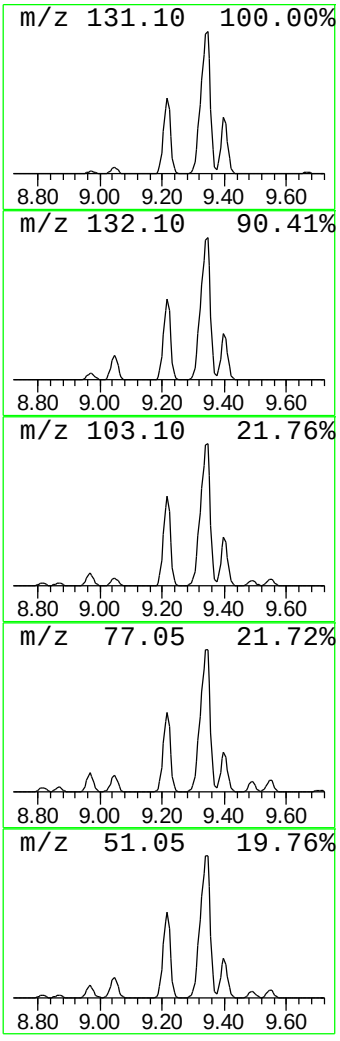
Peak Number 15 Cinnamaldehyde, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	134.12 ng/ul	11967800	1,4-Dichlorobenzene-d4	7.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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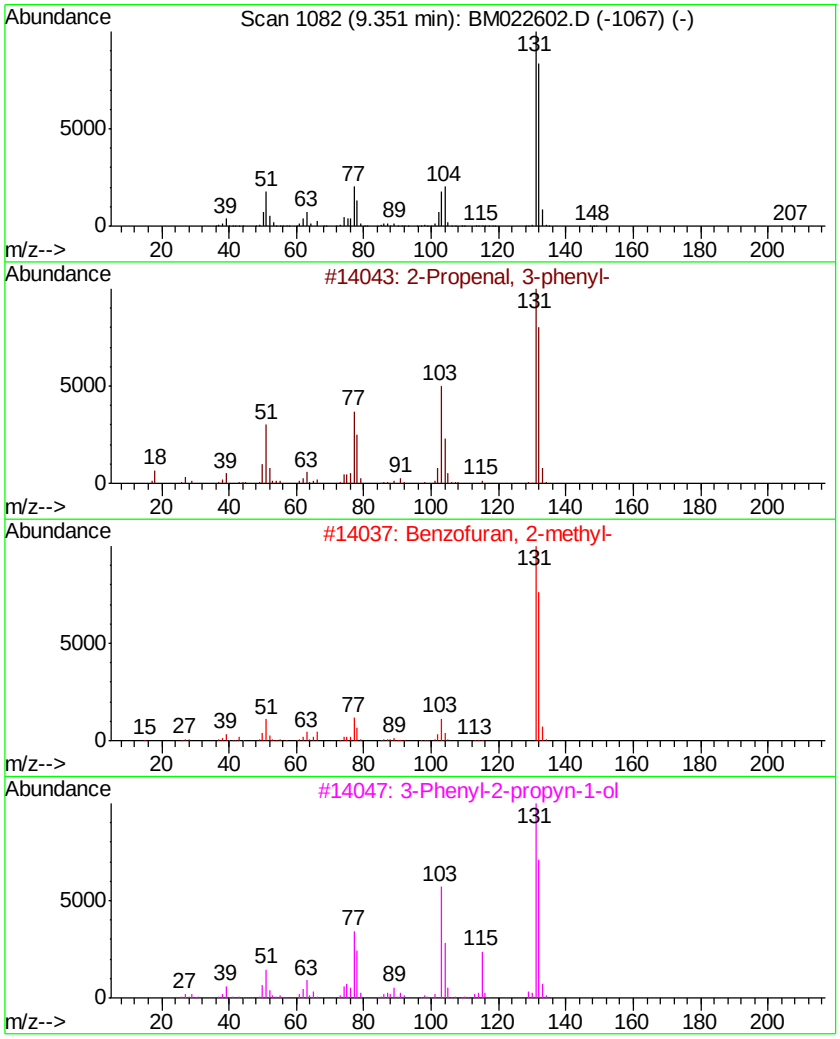
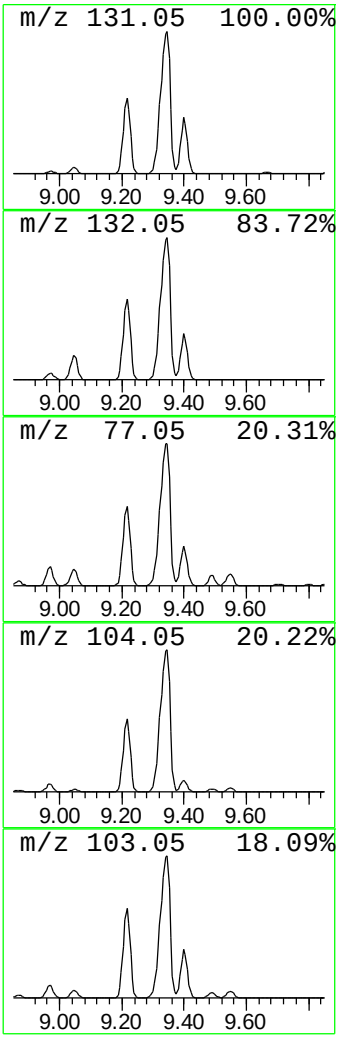
Peak Number 16 2-Propenal, 3-phenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	5.15 ng/ul	29268500	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





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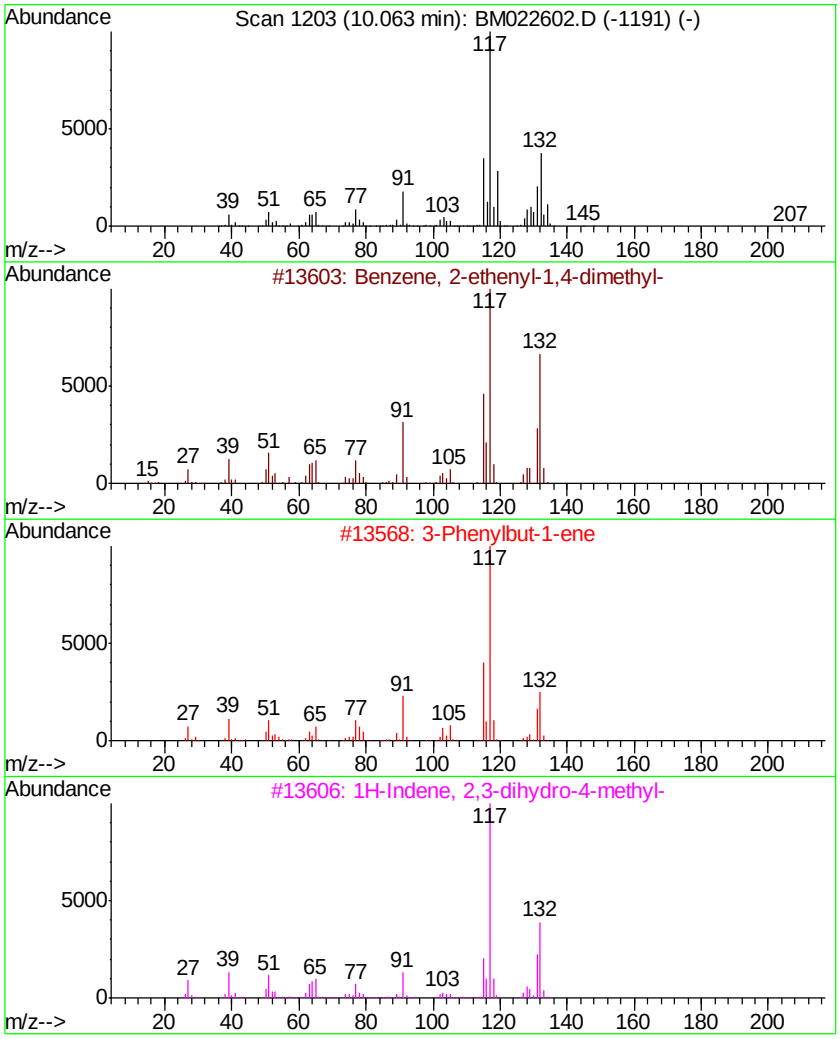
Quant Title : SVOA CALIBRATION

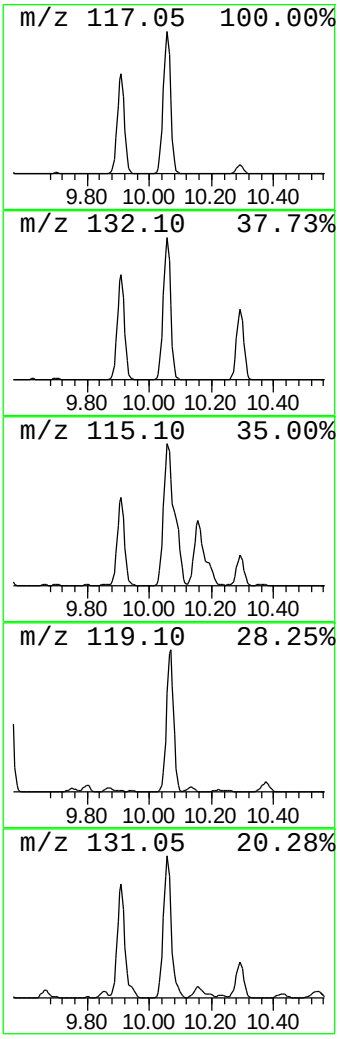
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	3.44 ng/ul	19536500	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	87
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87





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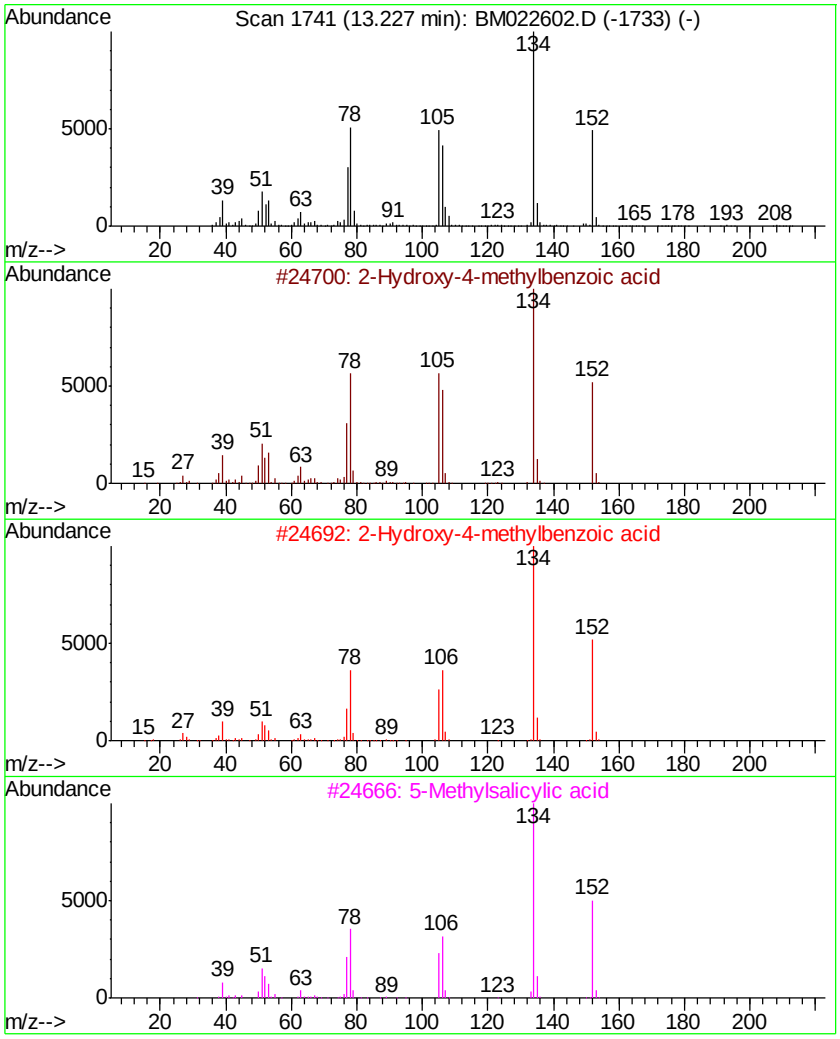
Quant Title : SVOA CALIBRATION

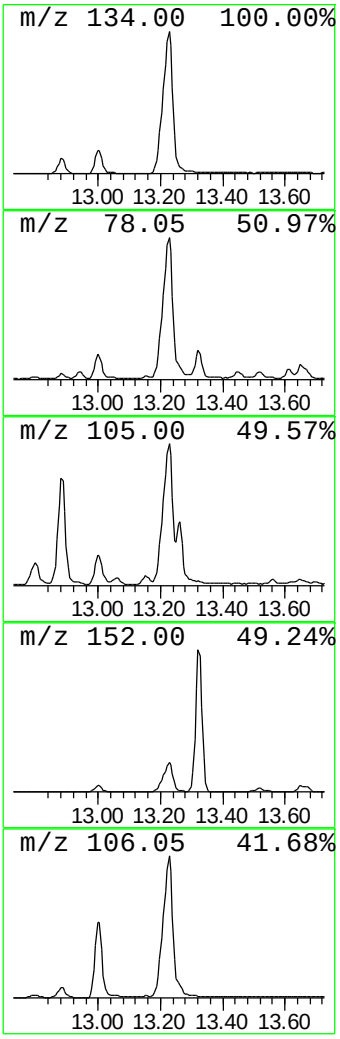
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 2-Hydroxy-4-methylbenzoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	17.33 ng/ul	4238780	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	98
2	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	95
3	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	95
4	5-Methylsalicylic acid	152	C8H8O3	000089-56-5	91
5	2-Hydroxy-4-methylbenzoic acid	152	C8H8O3	000050-85-1	74





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Sample : K4706-09
Misc :
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Instrument : BNA_M
ClientSampleId : BF575

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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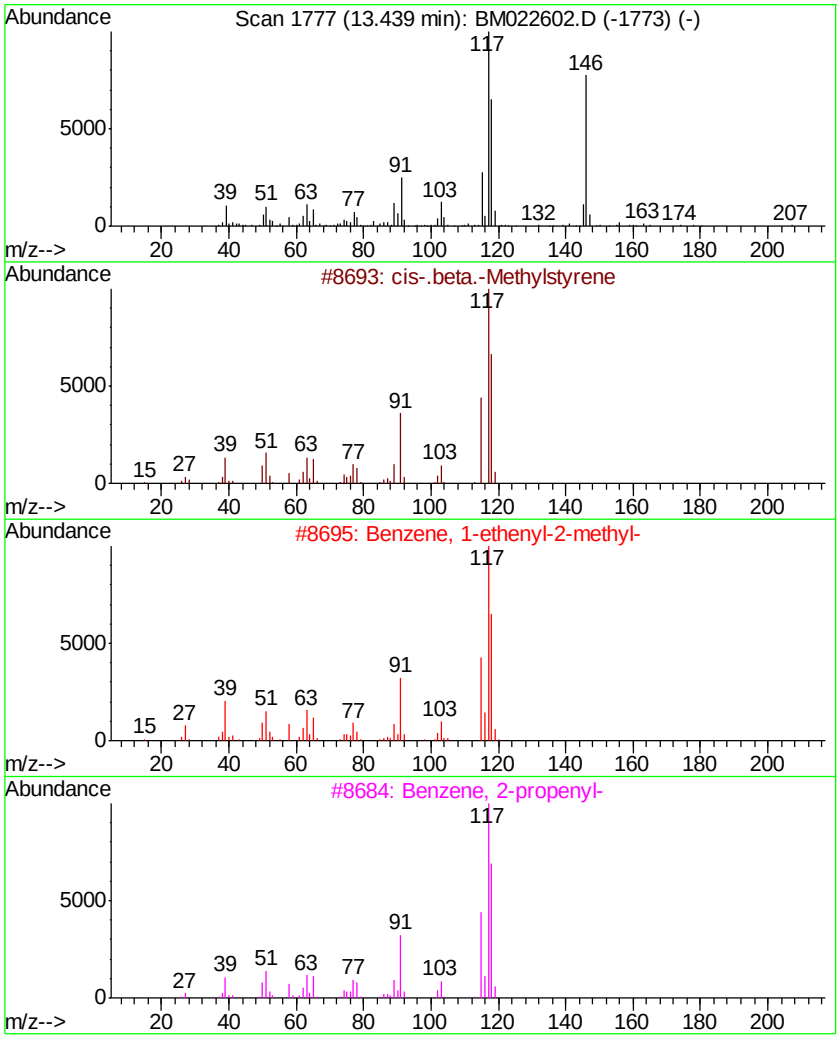
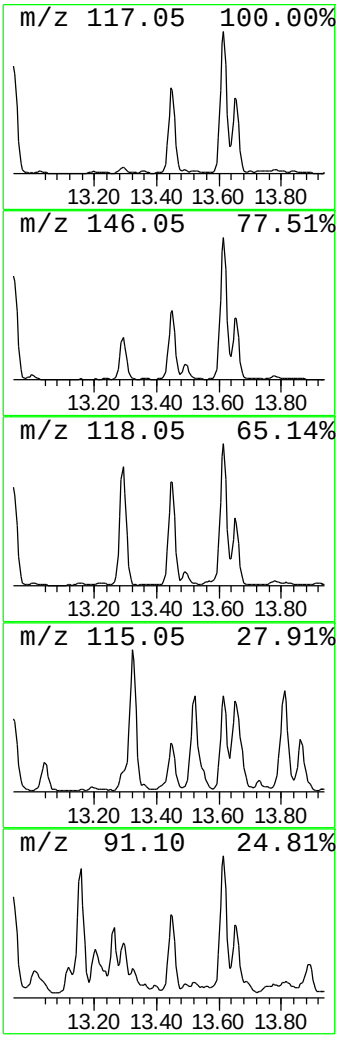
Peak Number 20 cis-.beta.-Methylstyrene Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	4.89 ng/ul	1196550	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	89
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	70
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	70
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	70
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 21 Naphthalene, 1-ethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	9.58 ng/ul	2344020	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
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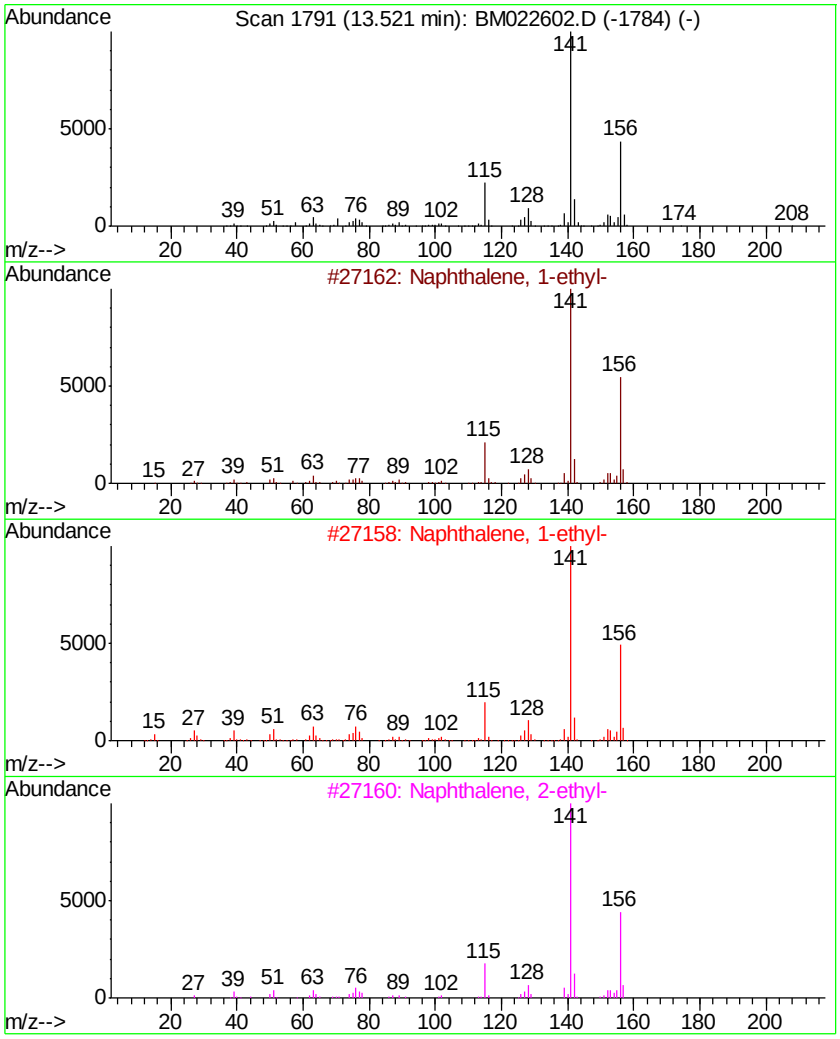

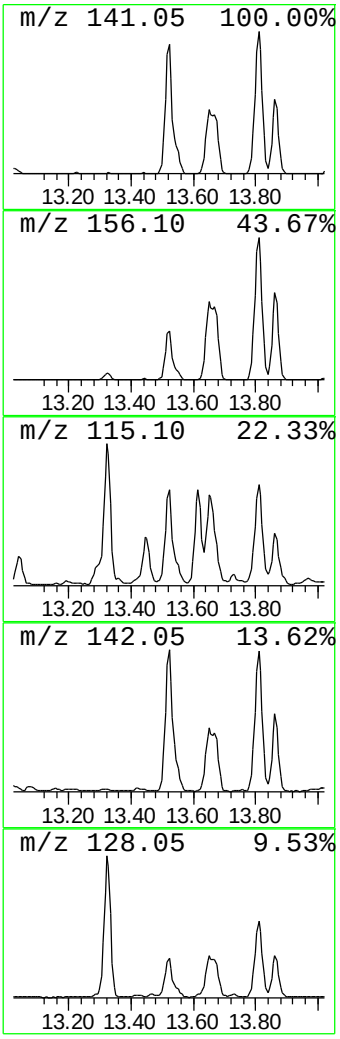

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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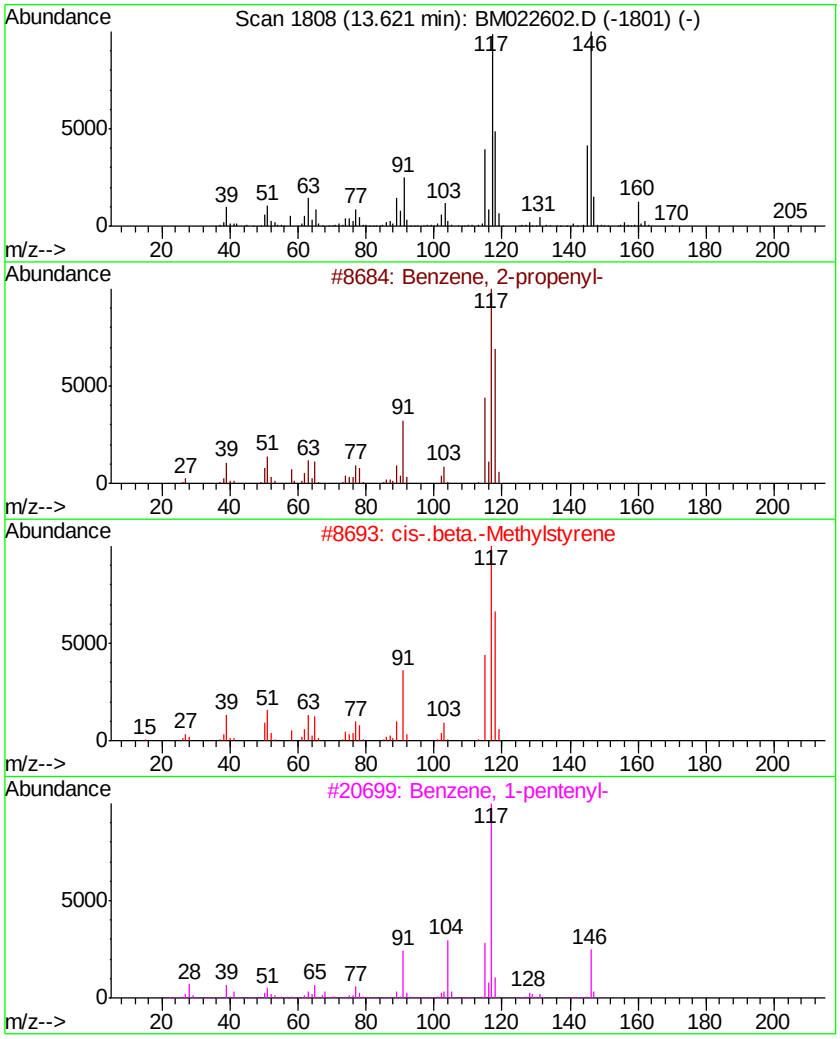
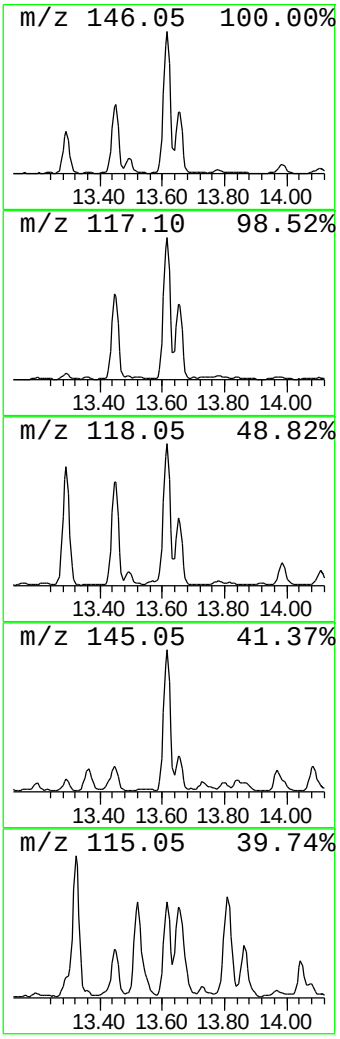
Peak Number 22 Benzene, 2-propenyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	8.95 ng/ul	2188110	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-propenyl-	118	C9H10	000300-57-2	86
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	81
3	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	62
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	60
5	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	52





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 23 Naphthalene, 1,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	15.96 ng/ul	3904300	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
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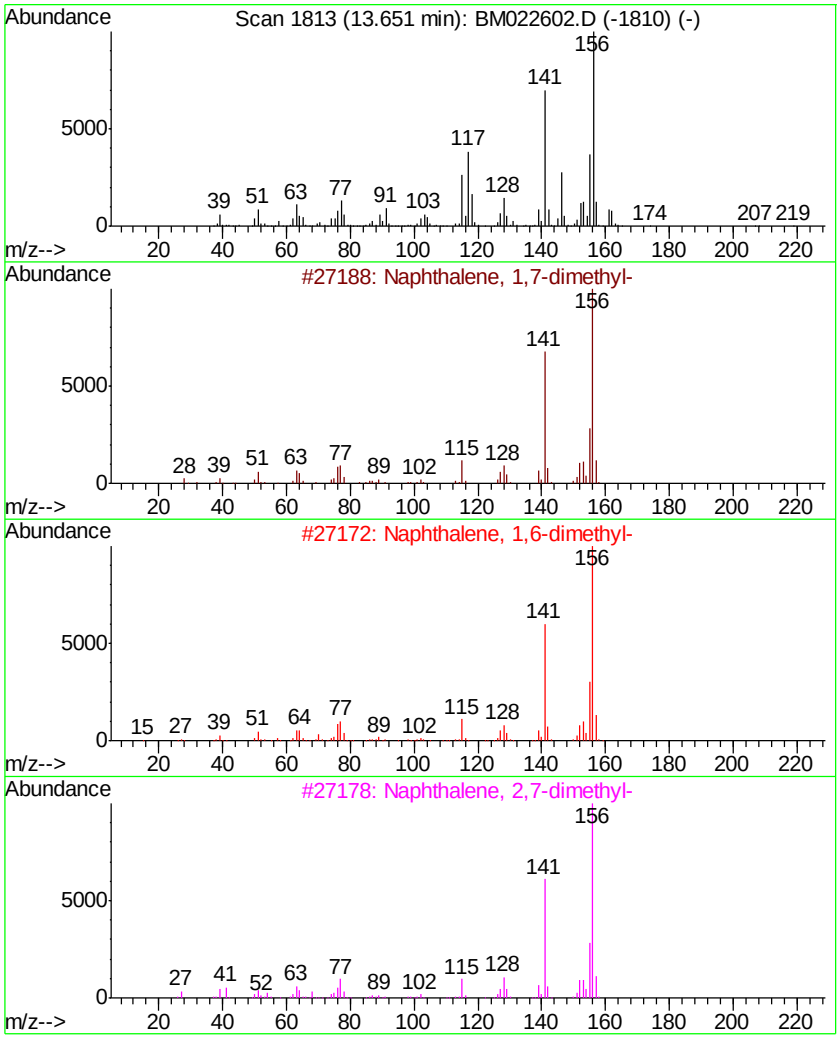

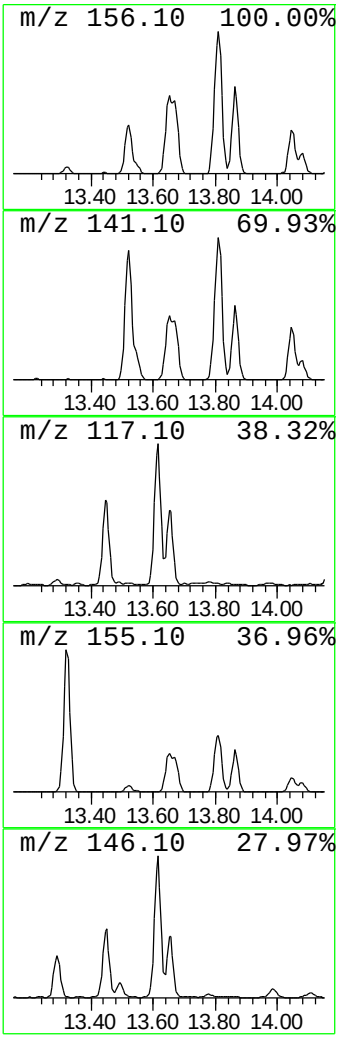

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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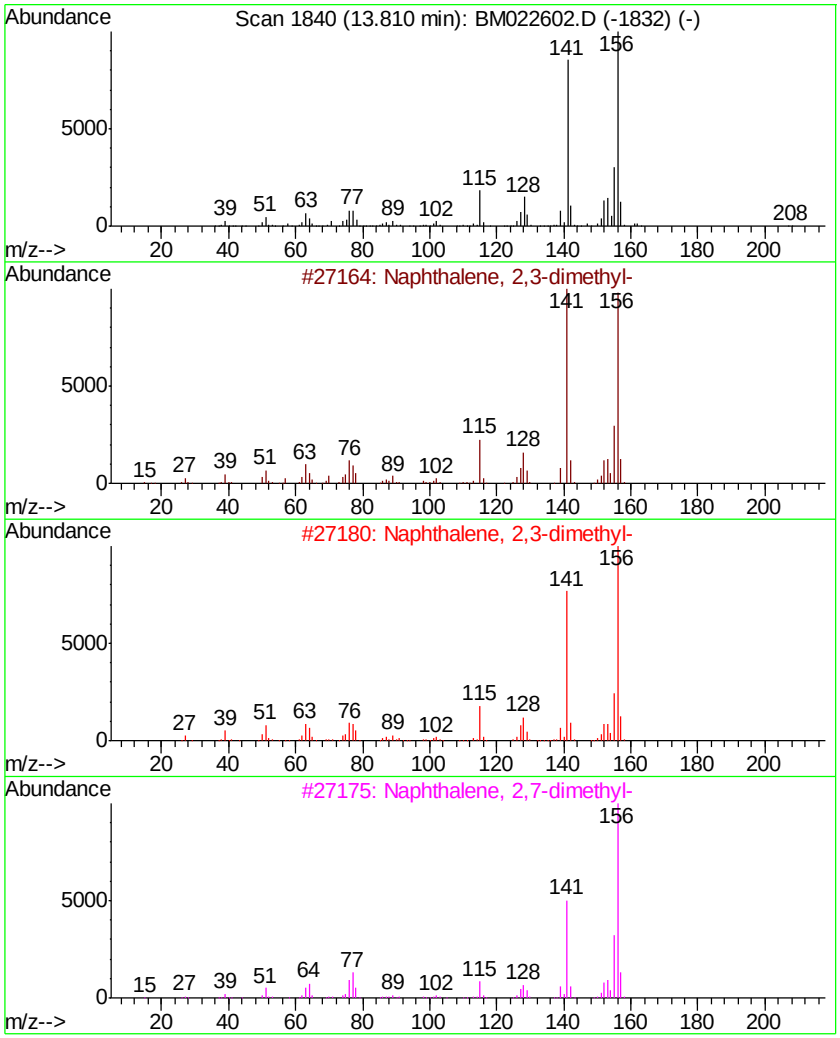
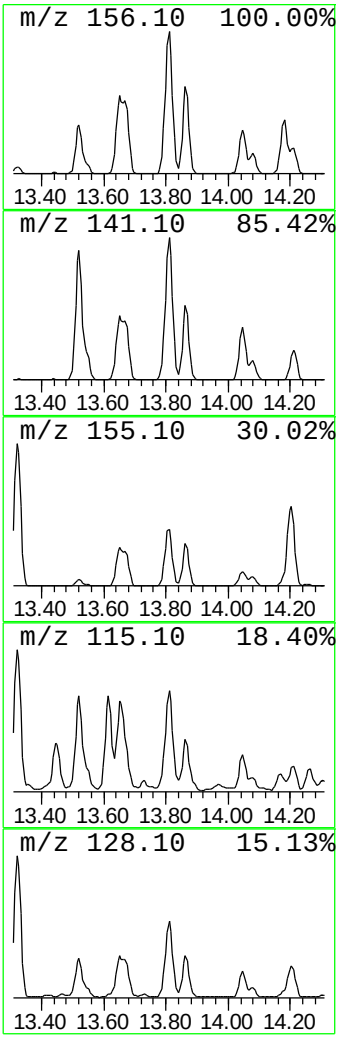
Peak Number 24 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	15.40 ng/ul	3767730	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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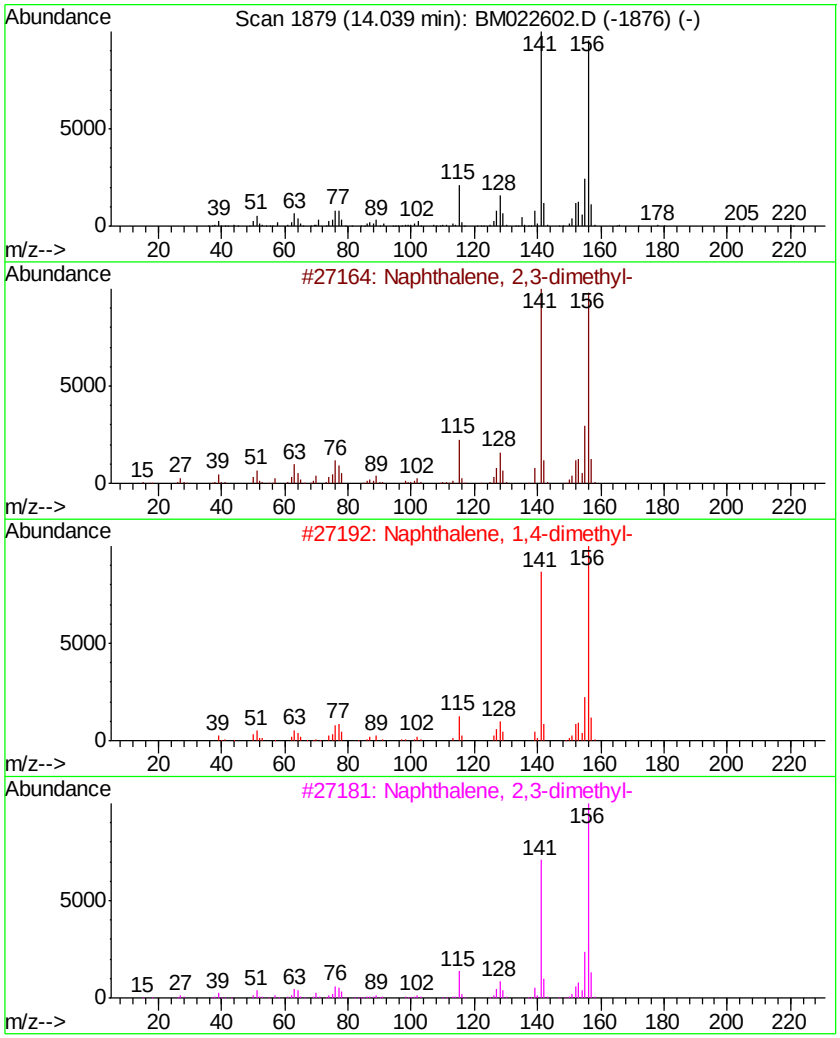
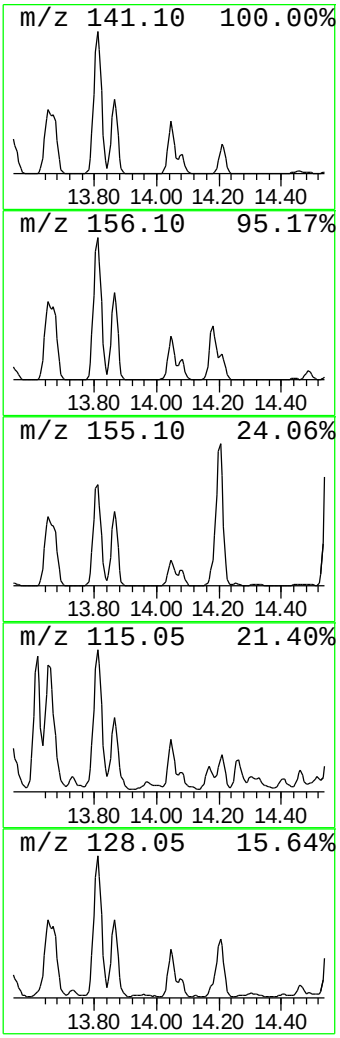
Peak Number 25 Naphthalene, 1,4-dimethyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	3.94 ng/ul	964800	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97





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Sample : K4706-09
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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Peak Number 26 2-Naphthalenecarbonitrile Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	8.84 ng/ul	2161190	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
4	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91
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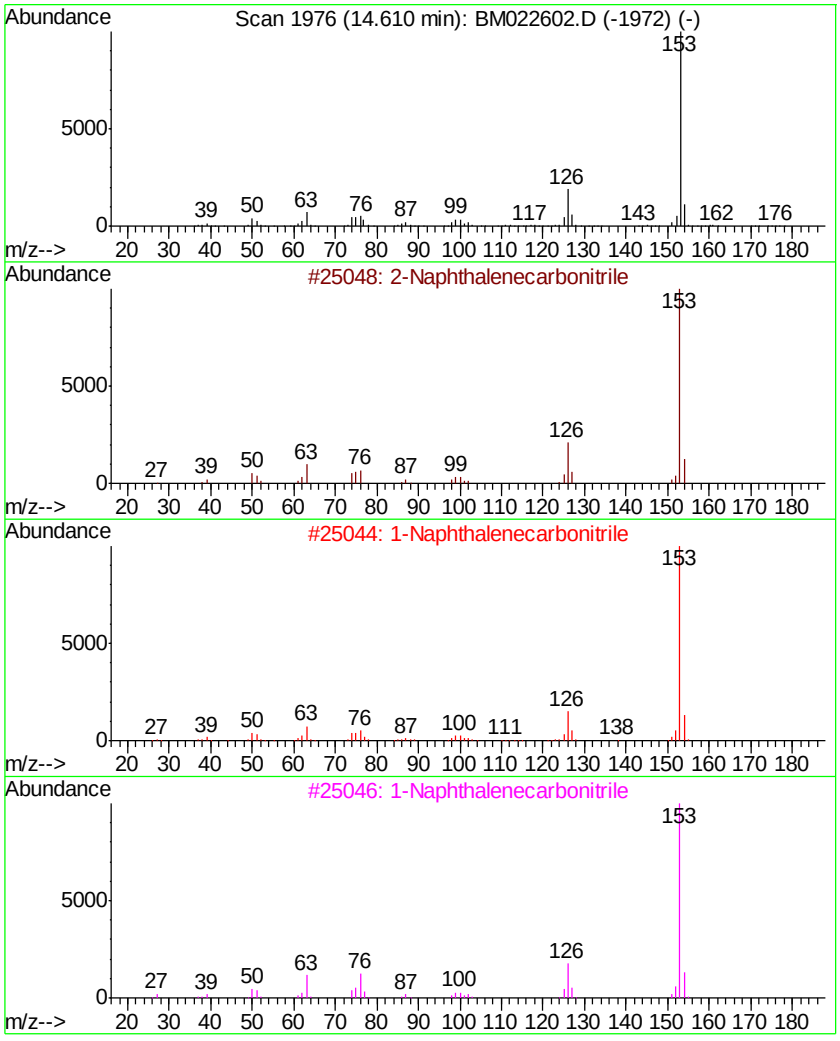

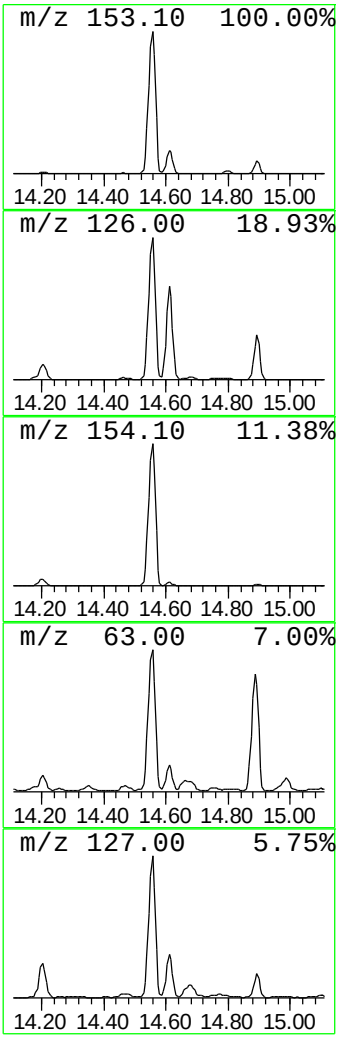

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Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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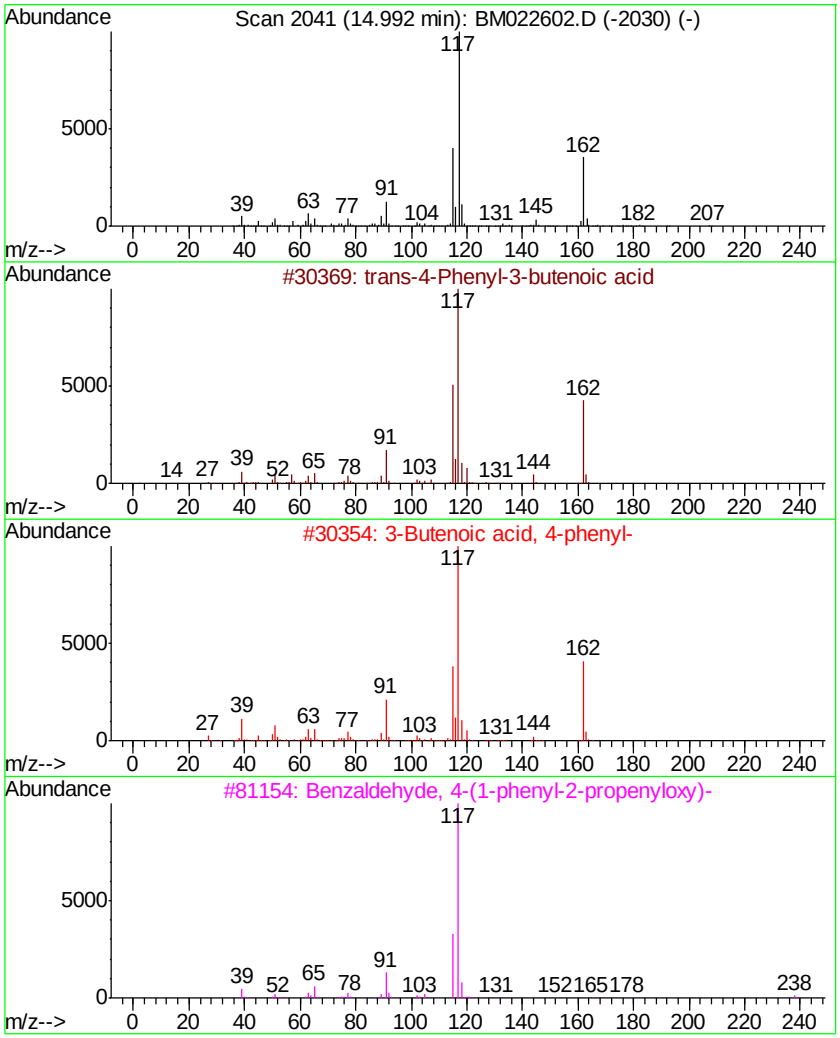
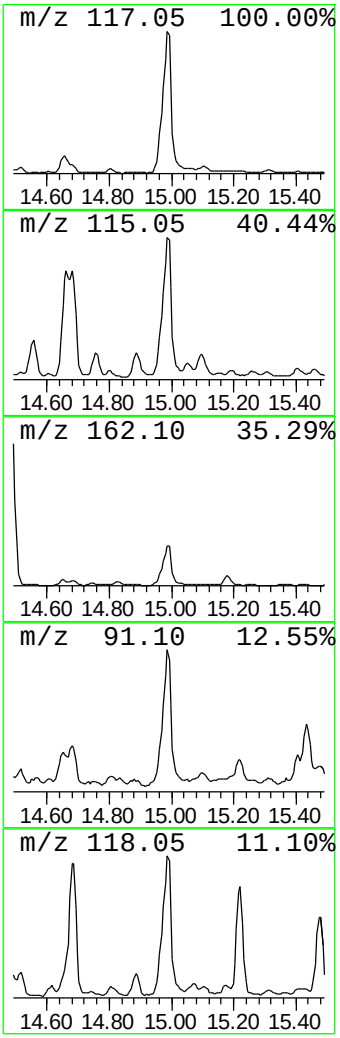
Peak Number 27 trans-4-Phenyl-3-butenoic acid Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.99	11.51 ng/ul	2816640	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	94
2	3-Butenoic acid, 4-phenyl-	162	C10H10O2	002243-53-0	91
3	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	59
4	Benzene, (3-chloroallyl)-	152	C9H9Cl	006268-37-7	59
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	59





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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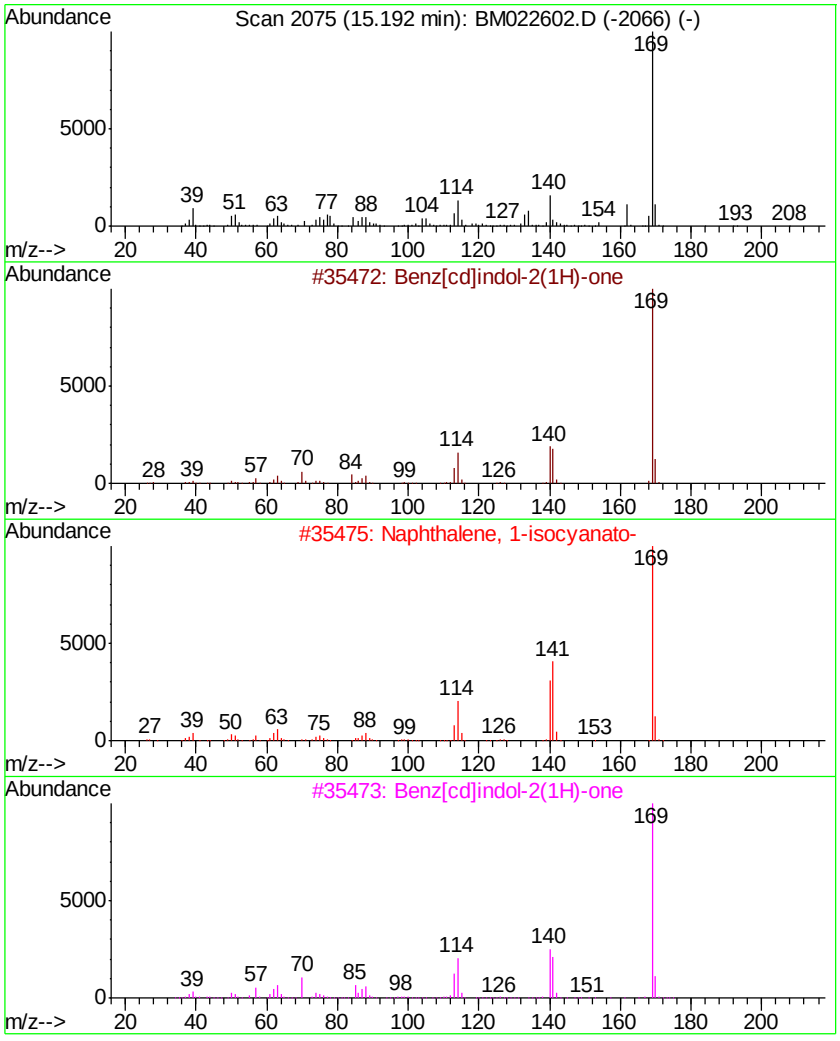
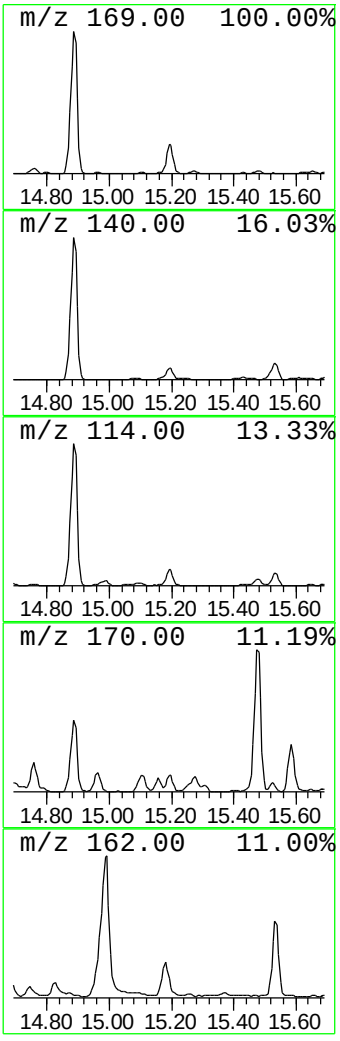
Peak Number 28 Benz[cd]indol-2(1H)-one Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	4.41 ng/ul	1079710	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	81
2	Naphthalene, 1-isocyanato-	169	C11H7NO	000086-84-0	74
3	Benz[cd]indol-2(1H)-one	169	C11H7NO	000130-00-7	64
4	[1,1'-Biphenyl]-3-amine	169	C12H11N	002243-47-2	52
5	Diphenylamine	169	C12H11N	000122-39-4	50





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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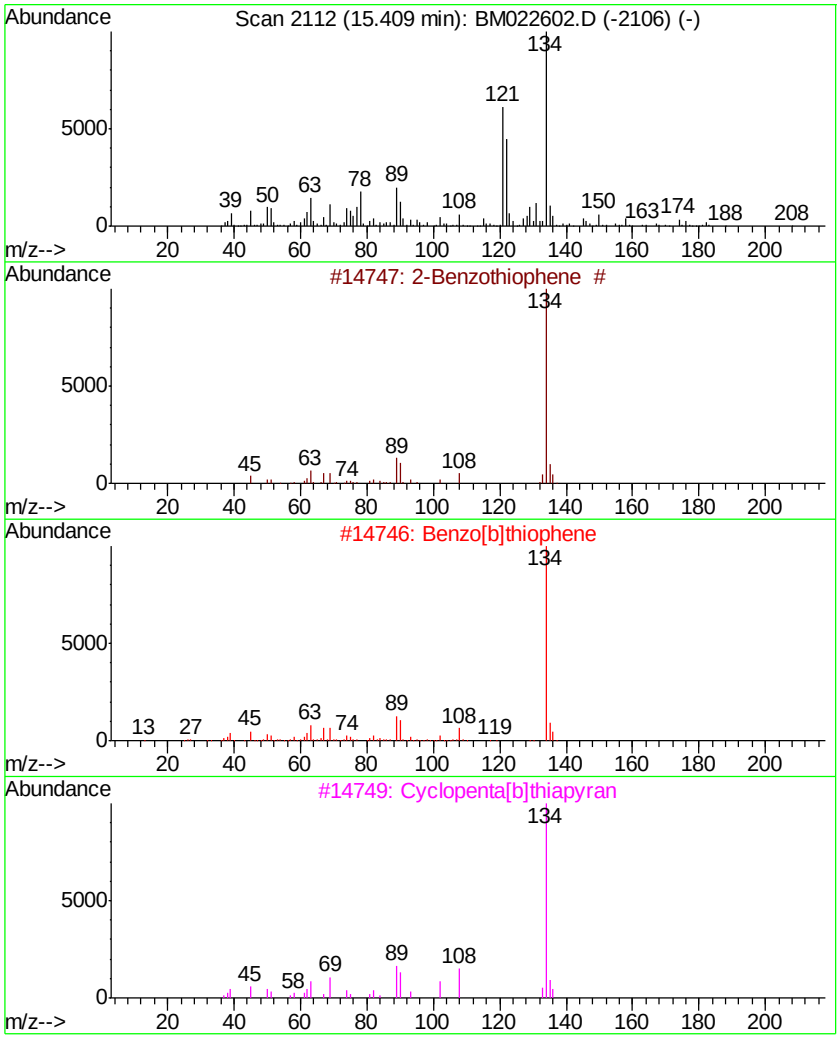
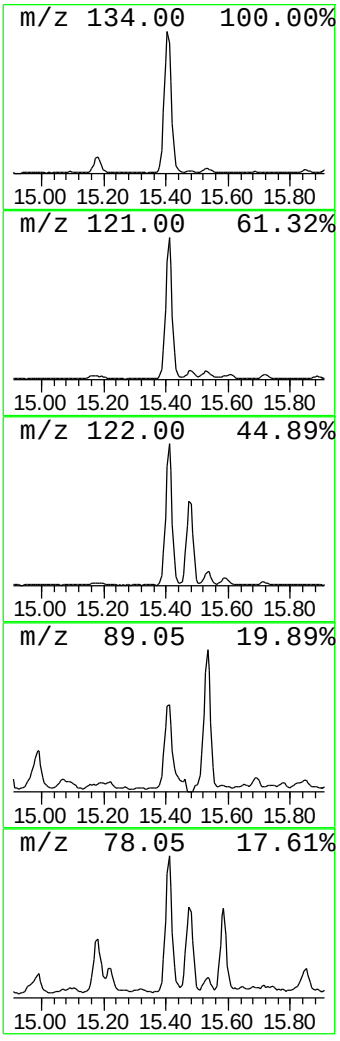
Peak Number 29 2-Benzothiophene # Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	10.14 ng/ul	2479350	Acenaphthene-d10	14.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	60
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	55
3	Cyclopenta[b]thiapyran	134	C8H6S	000271-17-0	53
4	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	49
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	49





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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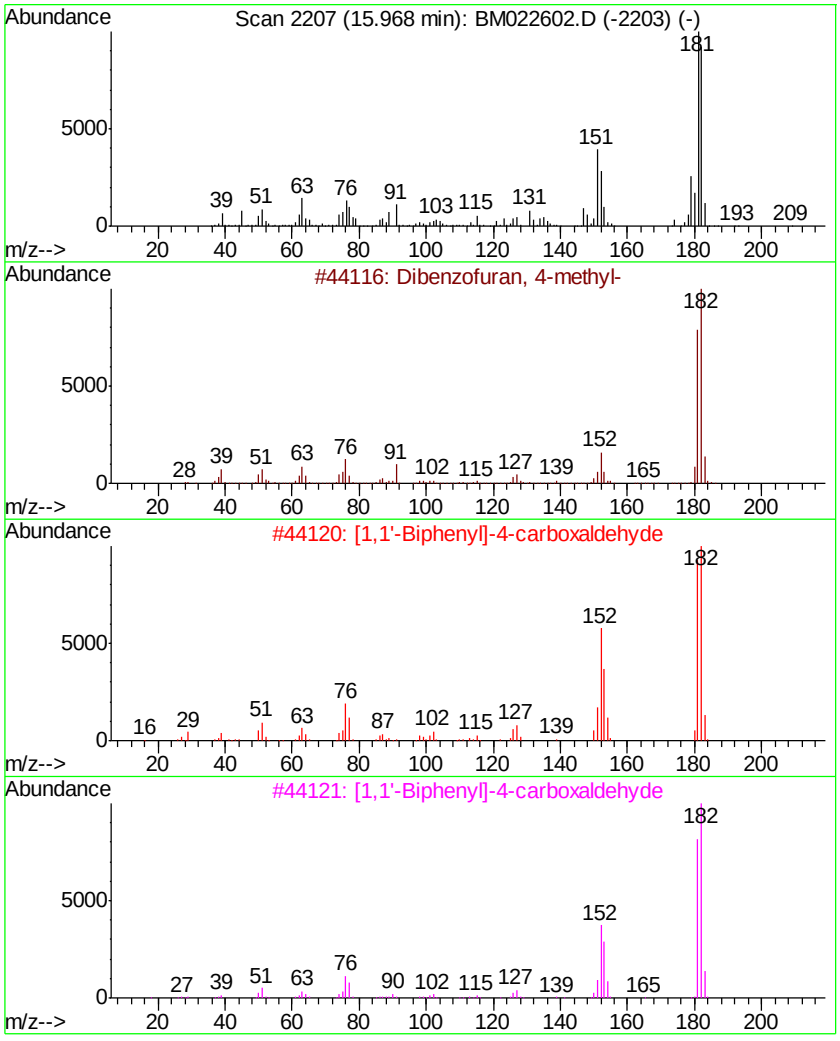
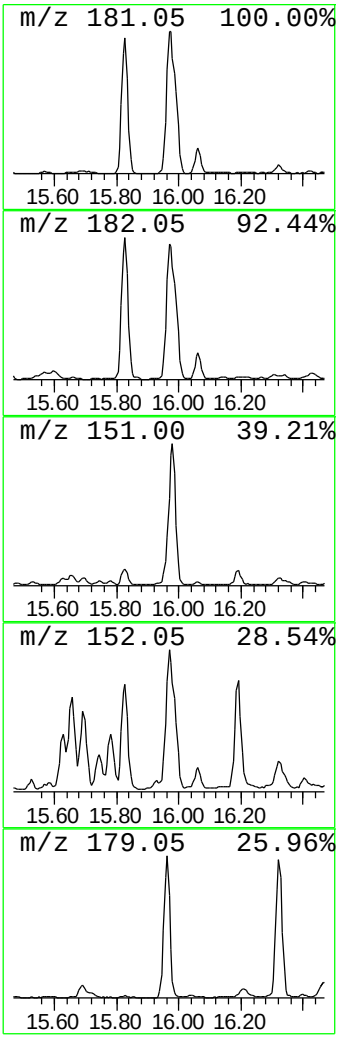
Peak Number 30 Dibenzofuran, 4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	9.36 ng/ul	2153330	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	83
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	64
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	60
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	52





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Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

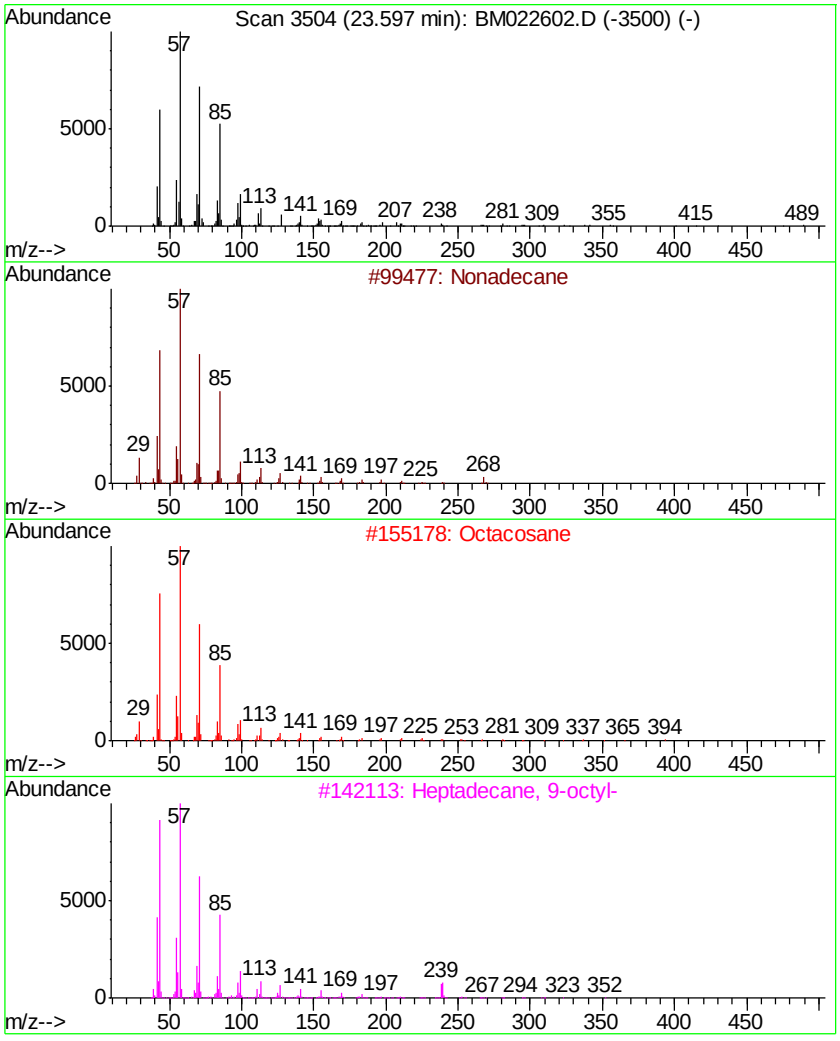
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

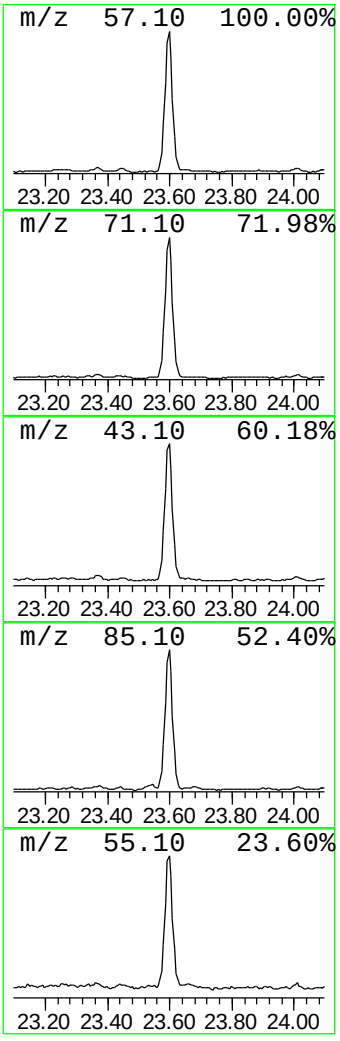
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.60	4.52 ng/ul	1251350	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

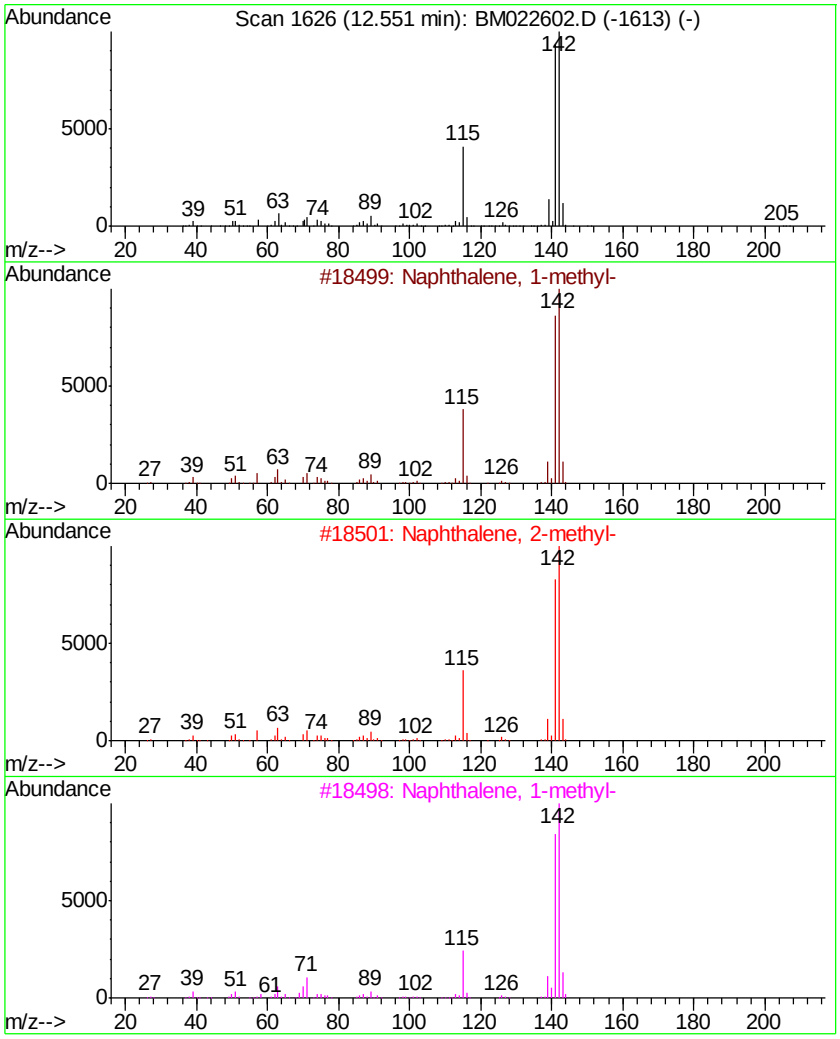
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

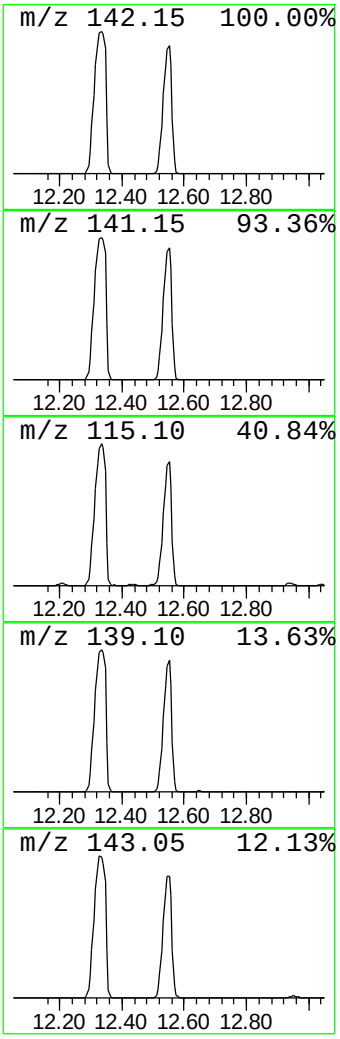
****

Peak Number 51 Naphthalene, 1-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	9.16 ng/ul	52078000	Naphthalene-d8	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM090819\
Data File : BM022602.D
Acq On : 09 Sep 2019 14:14
Operator : HP/JU
Sample : K4706-09
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	48.1	ng/ul	4288880	1	7.86	1784670	20.0
Ethylbenzene	5.37	24.7	ng/ul	2201670	1	7.86	1784670	20.0
p-Xylene	5.50	81.5	ng/ul	7271630	1	7.86	1784670	20.0
o-Xylene	5.87	55.0	ng/ul	4910660	1	7.86	1784670	20.0
Benzene, 1-ethyl-...	6.95	81.4	ng/ul	7261620	1	7.86	1784670	20.0
Benzene, 1-ethyl-...	7.25	23.1	ng/ul	2064200	1	7.86	1784670	20.0
Benzene, 1,2,3-tr...	7.52	227.8	ng/ul	20326700	1	7.86	1784670	20.0
Benzofuran	7.58	71.7	ng/ul	6399010	1	7.86	1784670	20.0
Benzene, 1,3,5-tr...	7.98	95.7	ng/ul	8538250	1	7.86	1784670	20.0
Indane	8.25	744.7	ng/ul	66453100	1	7.86	1784670	20.0
Indene	8.41	552.4	ng/ul	49294500	1	7.86	1784670	20.0
Benzene, 2-ethyl-...	8.82	12.4	ng/ul	1110020	1	7.86	1784670	20.0
Benzene, 1-methyl...	8.87	12.9	ng/ul	1153520	1	7.86	1784670	20.0
Cinnamaldehyde, (E)-	9.22	134.1	ng/ul	11967800	1	7.86	1784670	20.0
2-Propenal, 3-phe...	9.35	5.2	ng/ul	29268500	2	10.67	113660000	20.0
Benzene, 2-etheny...	10.06	3.4	ng/ul	19536500	2	10.67	113660000	20.0
2-Hydroxy-4-methy...	13.23	17.3	ng/ul	4238780	3	14.49	4892250	20.0
cis-.beta.-Methyl...	13.44	4.9	ng/ul	1196550	3	14.49	4892250	20.0
Naphthalene, 1-et...	13.52	9.6	ng/ul	2344020	3	14.49	4892250	20.0
Benzene, 2-propenyl-	13.62	8.9	ng/ul	2188110	3	14.49	4892250	20.0
Naphthalene, 1,7-...	13.65	16.0	ng/ul	3904300	3	14.49	4892250	20.0
Naphthalene, 2,3-...	13.81	15.4	ng/ul	3767730	3	14.49	4892250	20.0
Naphthalene, 1,4-...	14.04	3.9	ng/ul	964800	3	14.49	4892250	20.0
2-Naphthalenecarb...	14.61	8.8	ng/ul	2161190	3	14.49	4892250	20.0
trans-4-Phenyl-3-...	14.99	11.5	ng/ul	2816640	3	14.49	4892250	20.0
Benz[cd]indol-2(1...	15.19	4.4	ng/ul	1079710	3	14.49	4892250	20.0
2-Benzothiophene #	15.41	10.1	ng/ul	2479350	3	14.49	4892250	20.0
Dibenzofuran, 4-m...	15.97	9.4	ng/ul	2153330	4	17.22	4599440	20.0
(DEL) Alkane: Str...	23.60	4.5	ng/ul	1251350	6	23.69	5537330	20.0
Naphthalene, 1-me...	12.55	9.2	ng/ul	52078000	2	10.67	113660000	20.0